

FIG.1

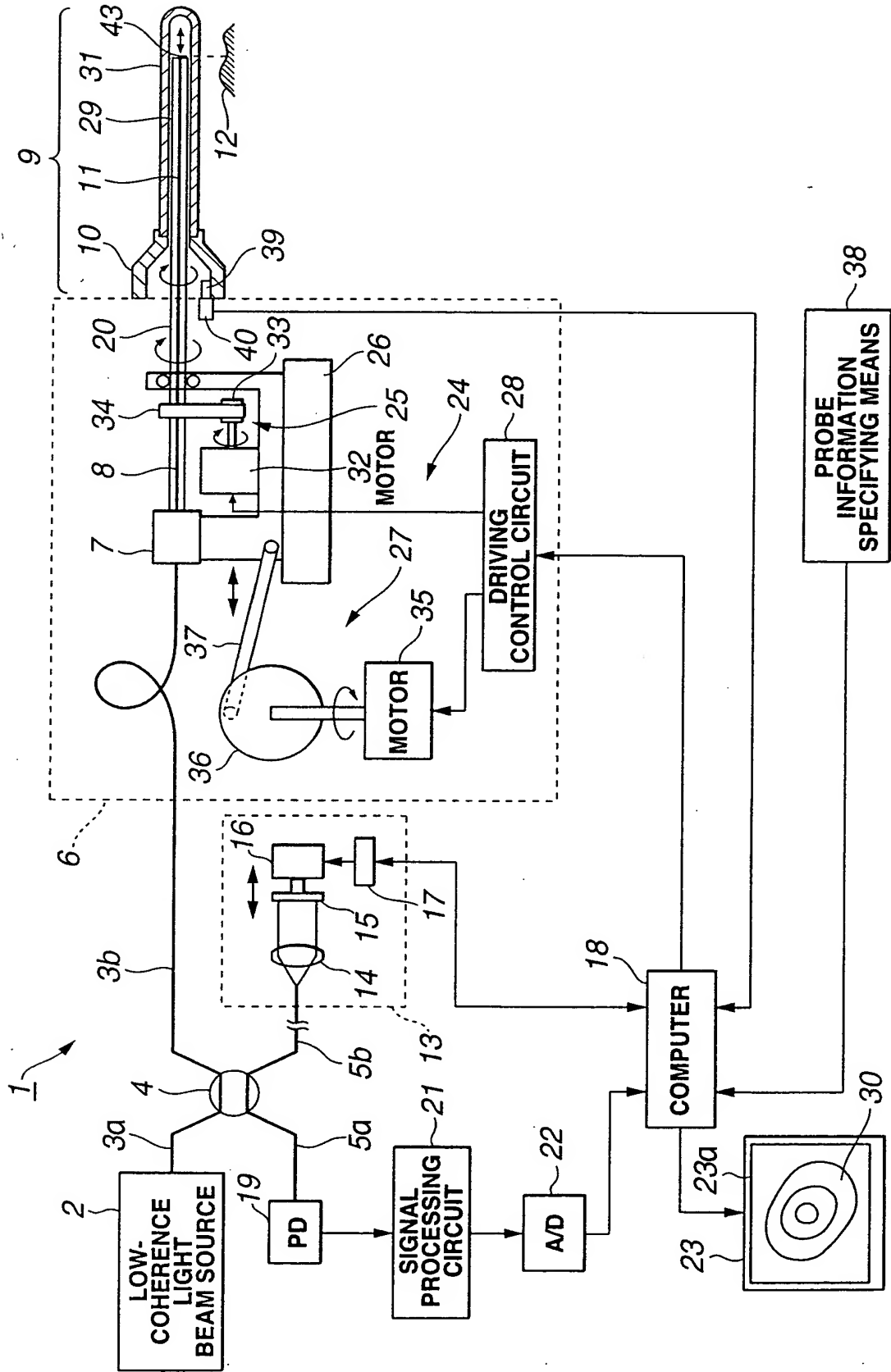


FIG.2

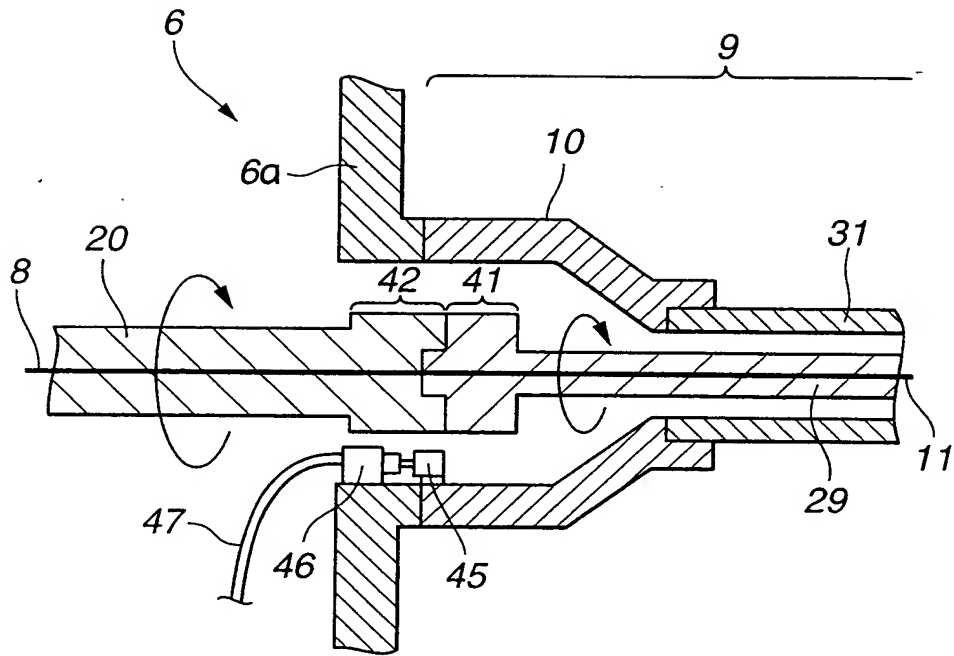


FIG.3

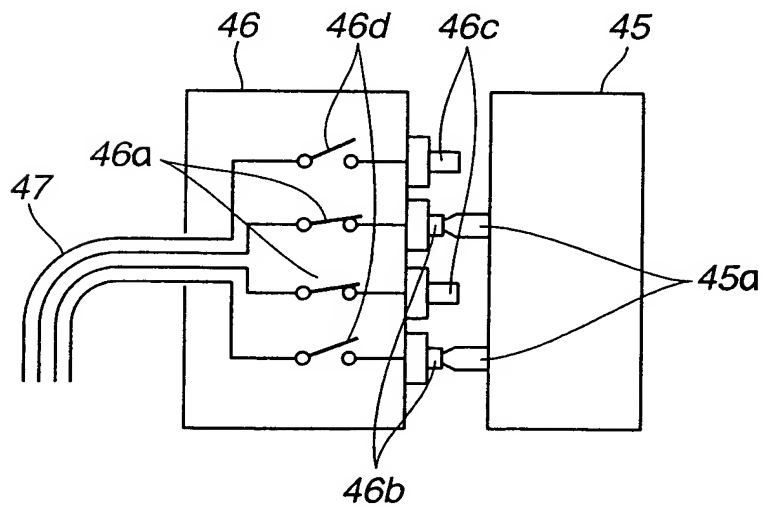


FIG.4

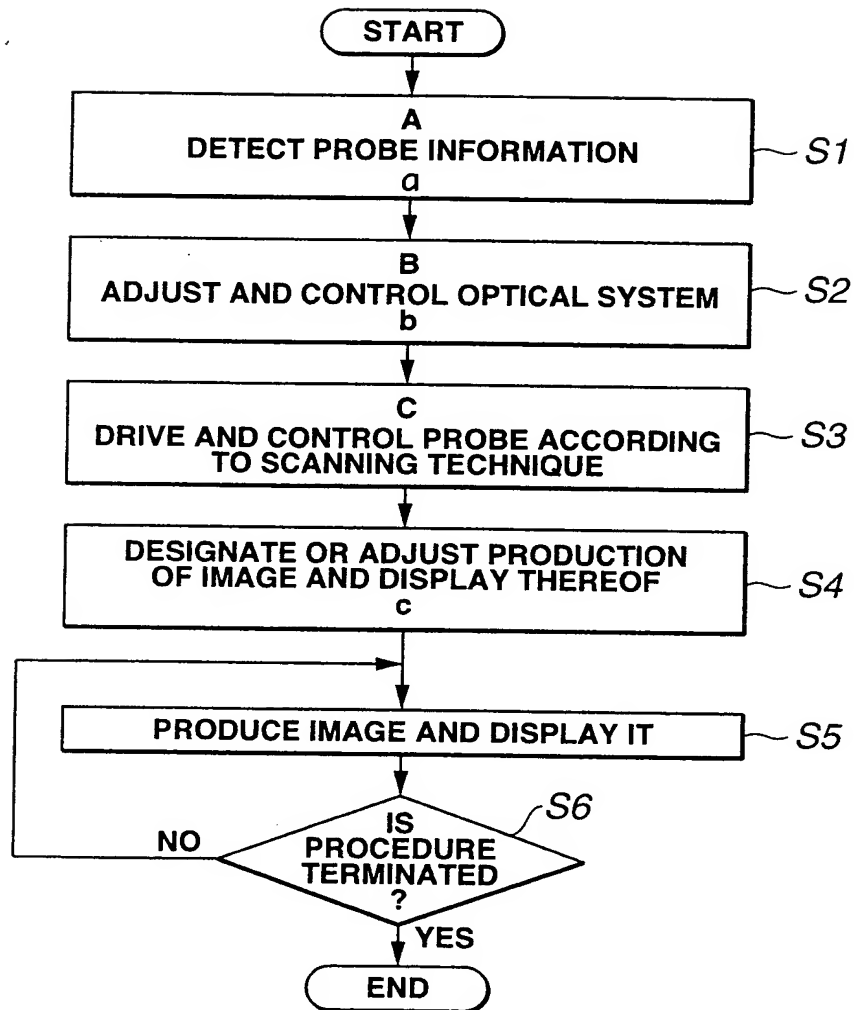


FIG.5

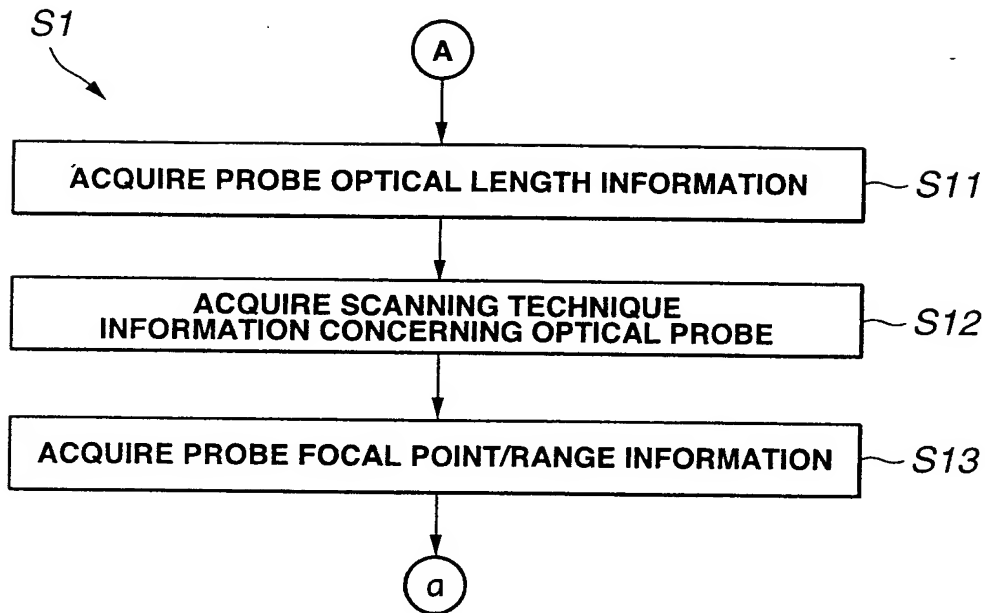


FIG.6

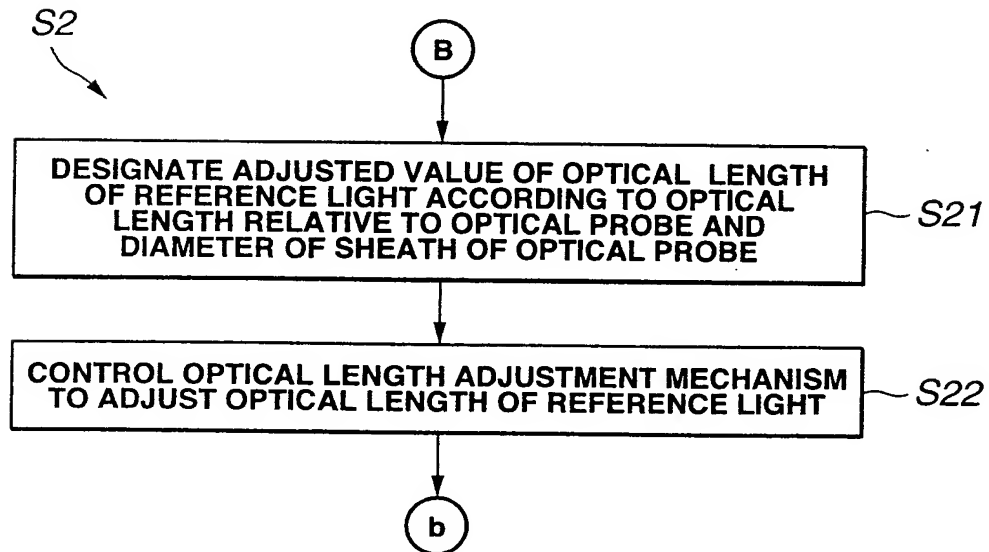


FIG.7

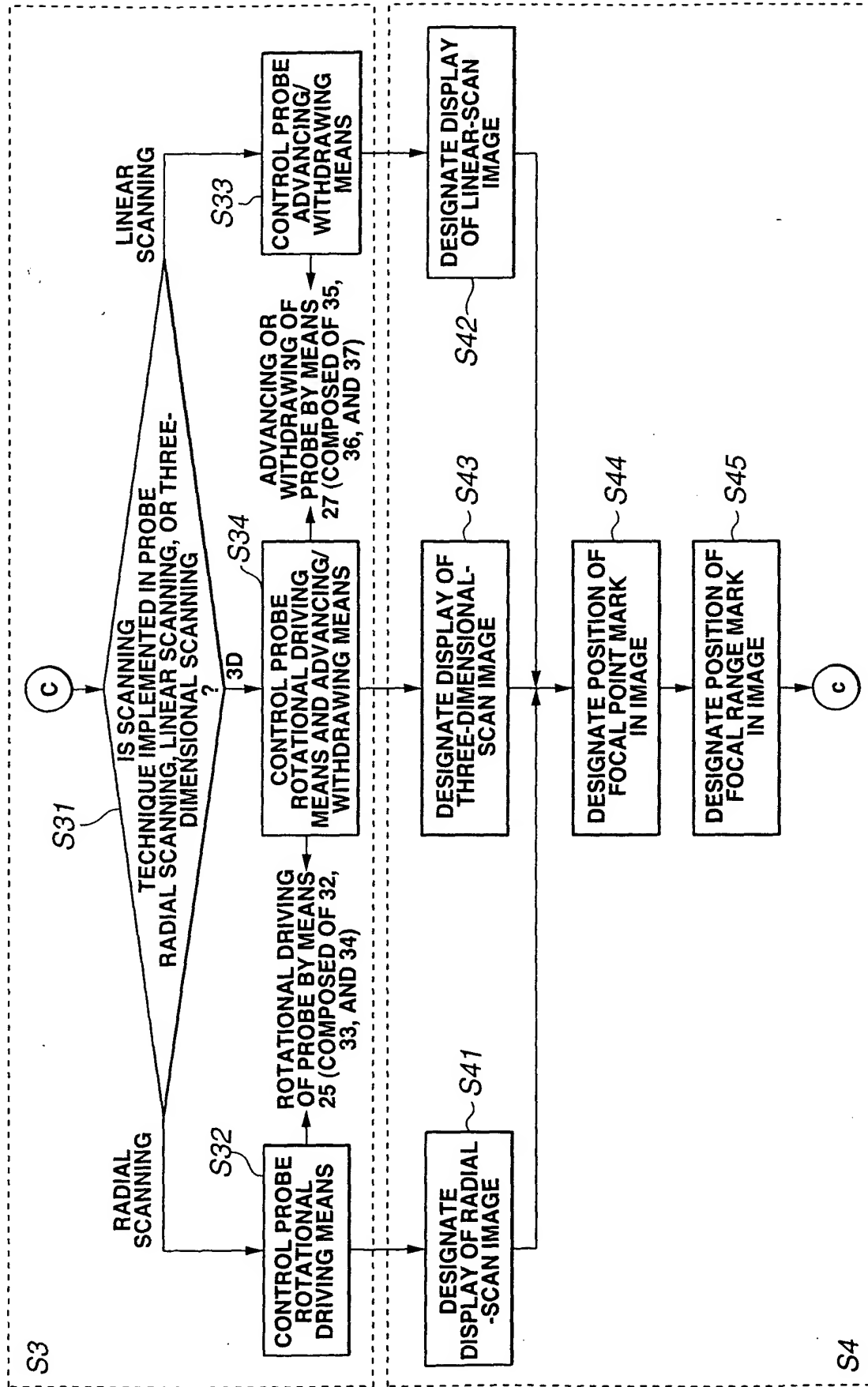


FIG.8

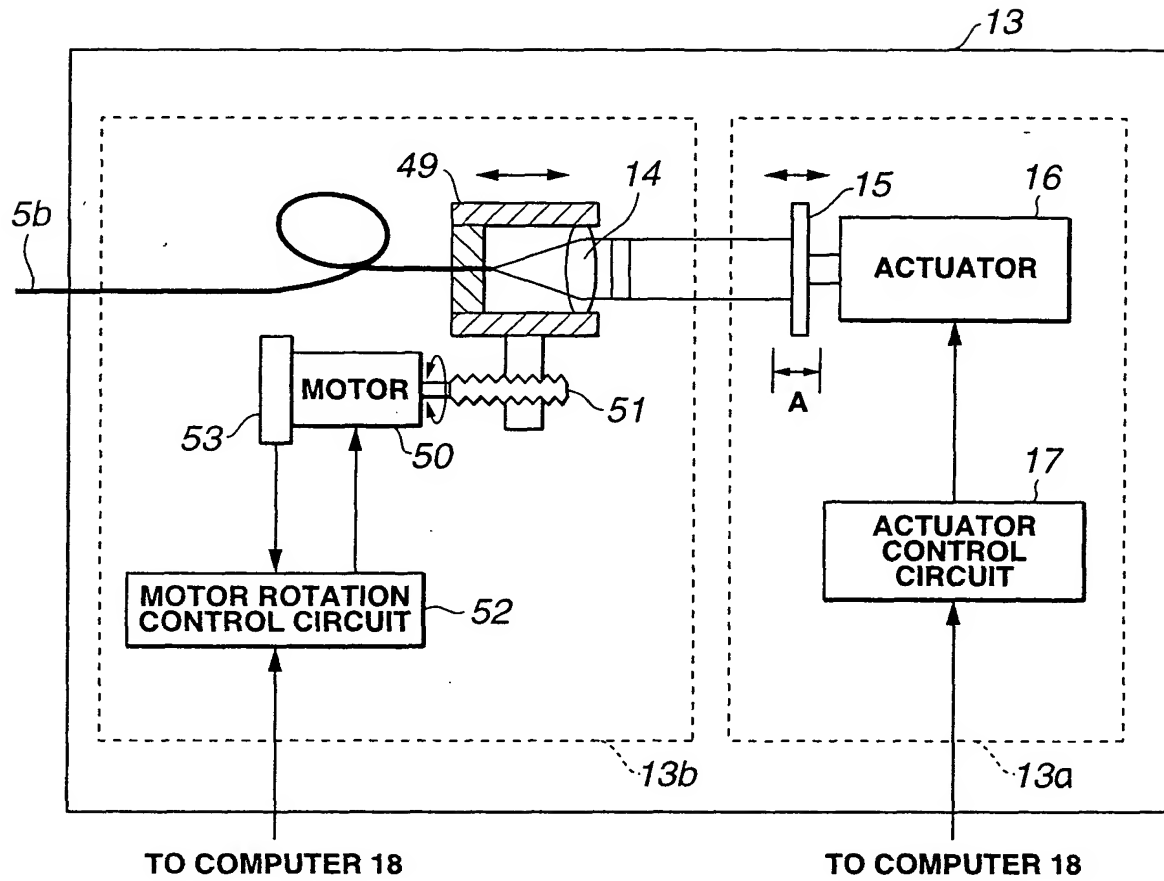


FIG.9A

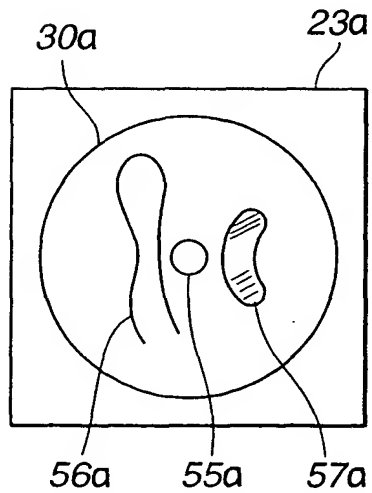


FIG.9B

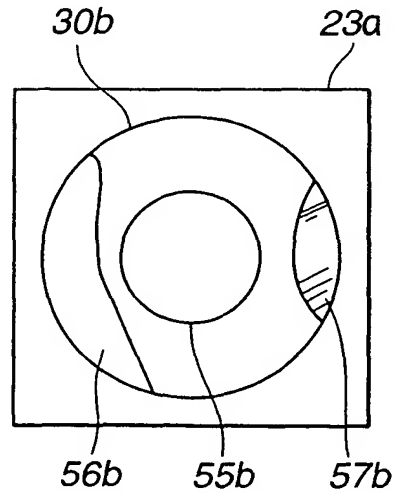


FIG.10

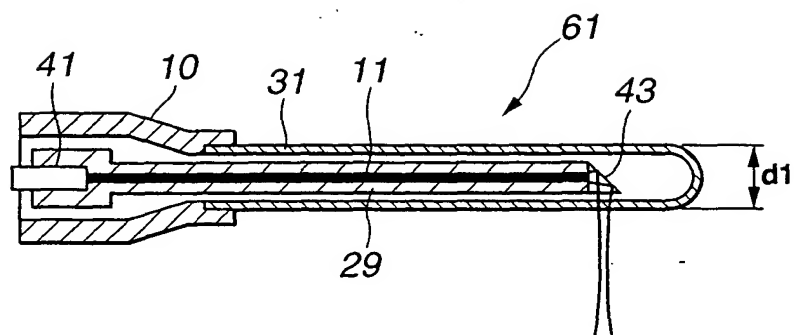


FIG.11

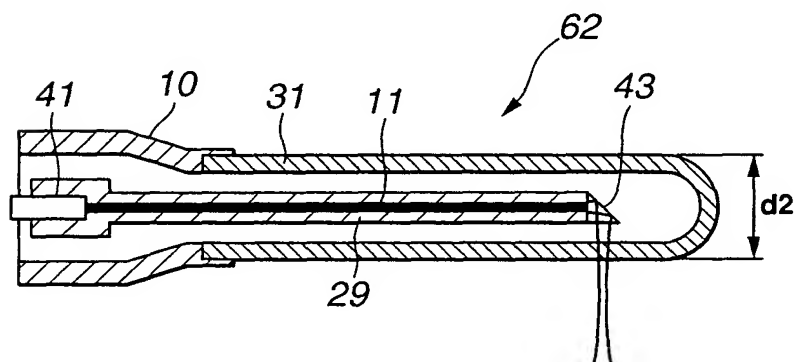


FIG.12

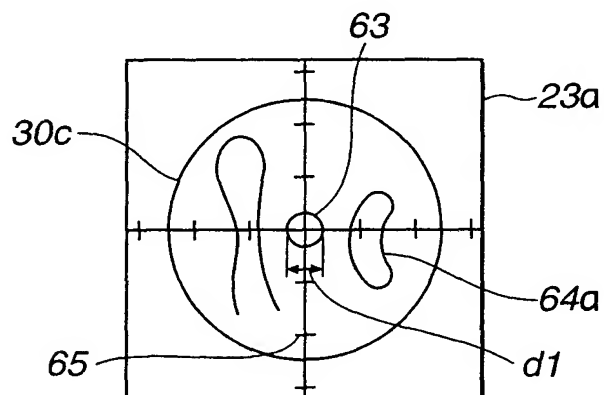


FIG.13

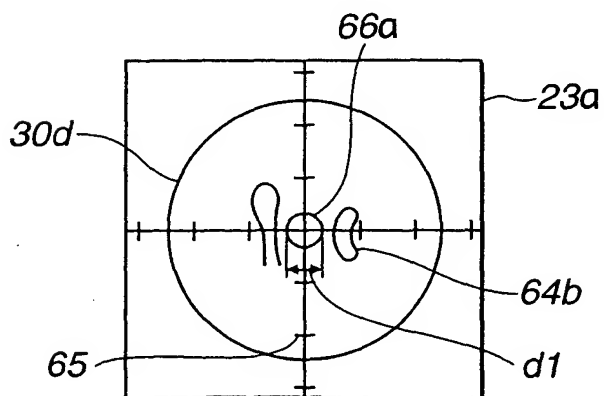


FIG.14

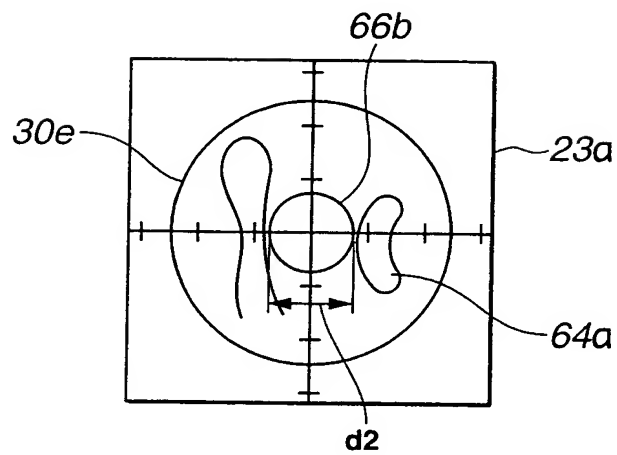


FIG.15

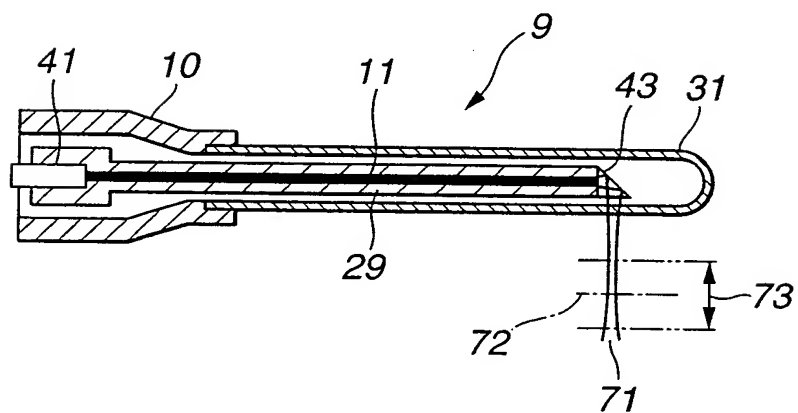


FIG.16

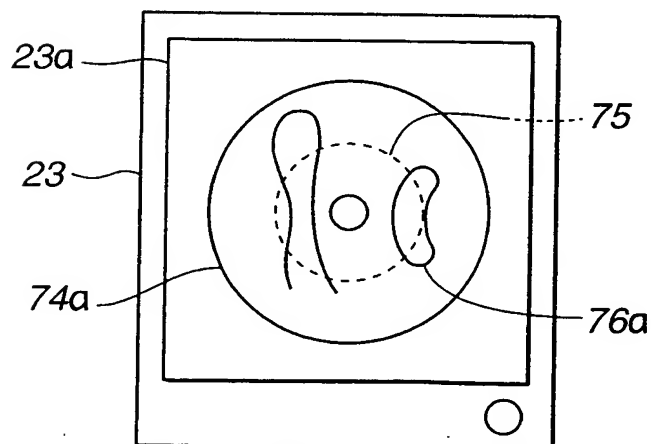


FIG.17

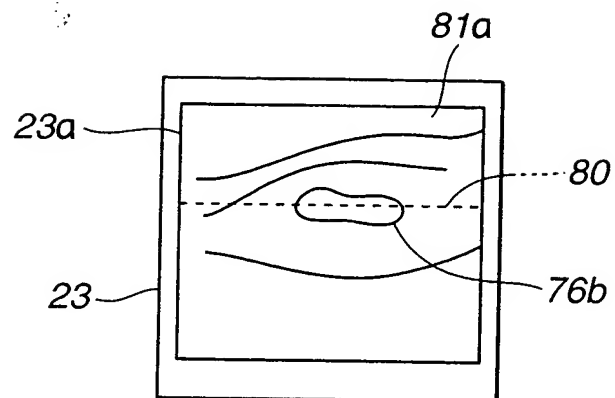


FIG.18

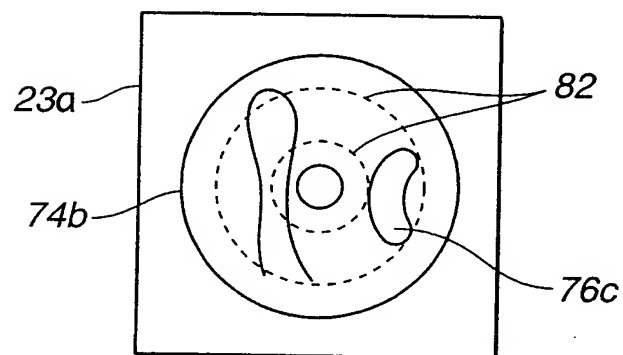


FIG.19

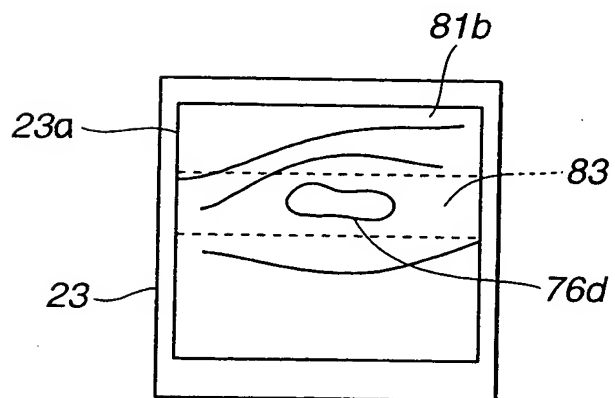


FIG.20

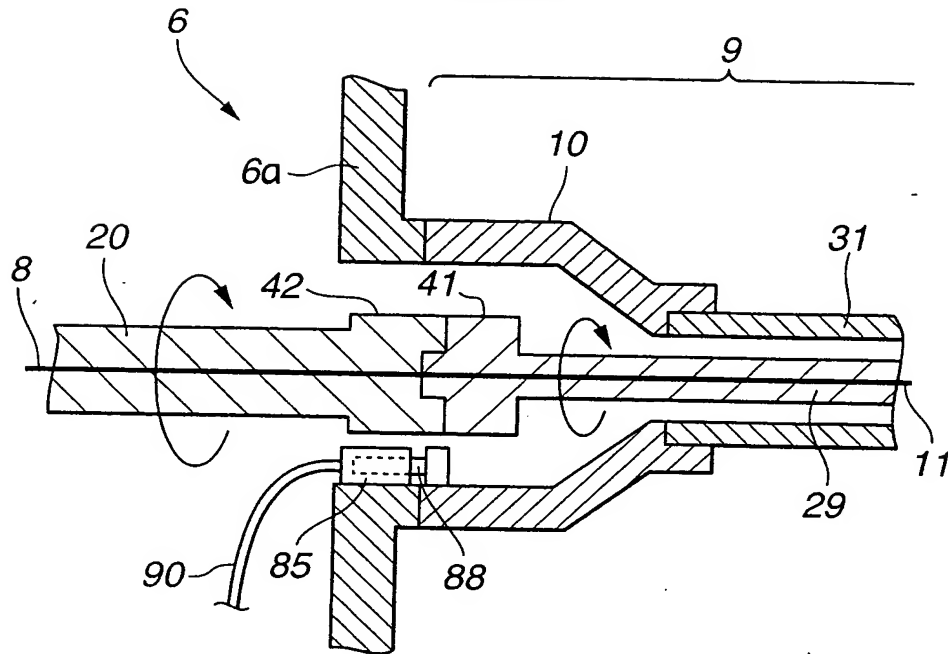


FIG.21

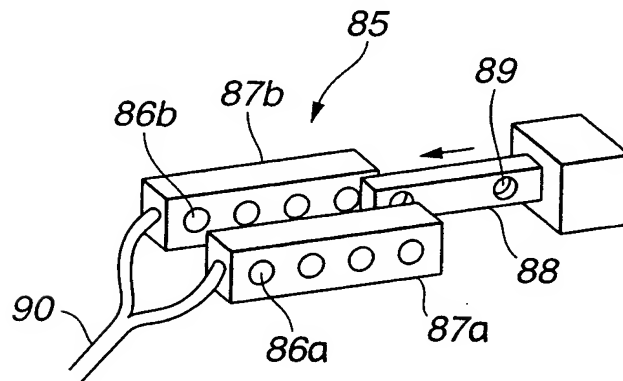


FIG.22

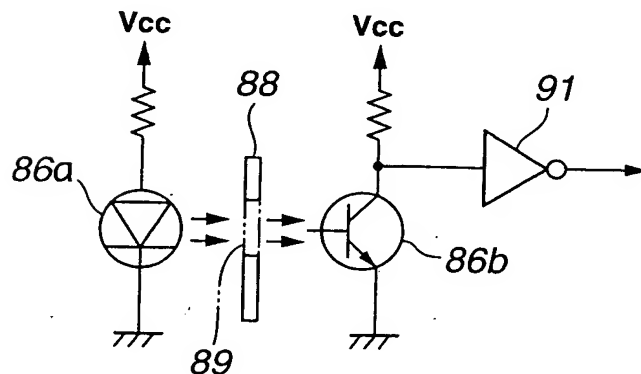


FIG.23

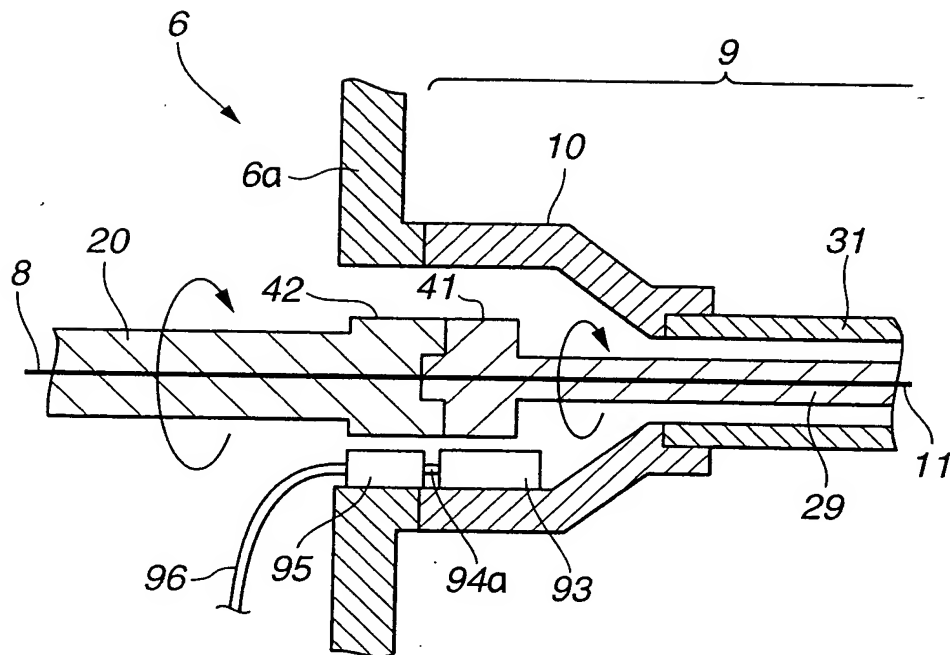


FIG.24

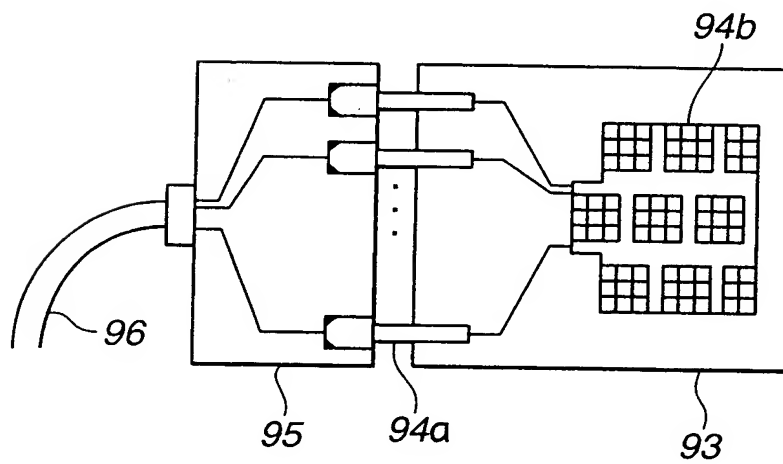


FIG.25

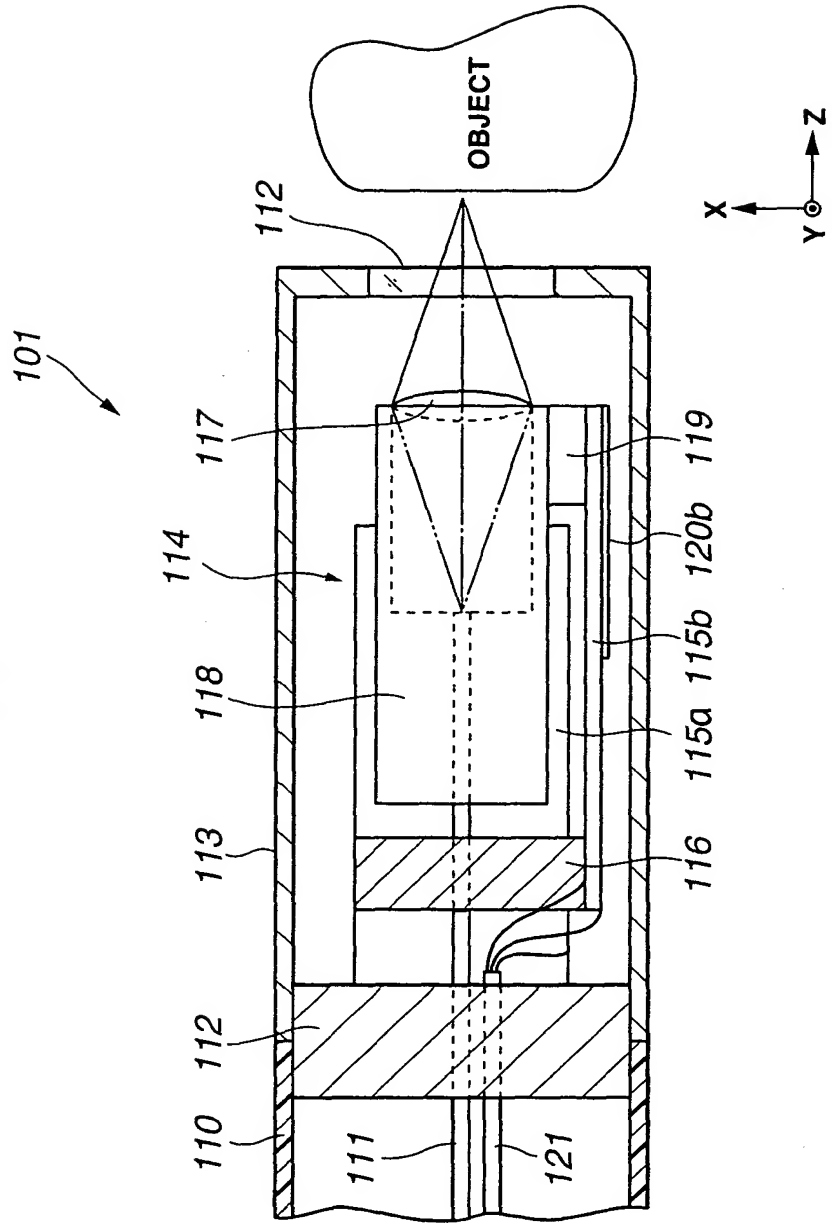


FIG. 26

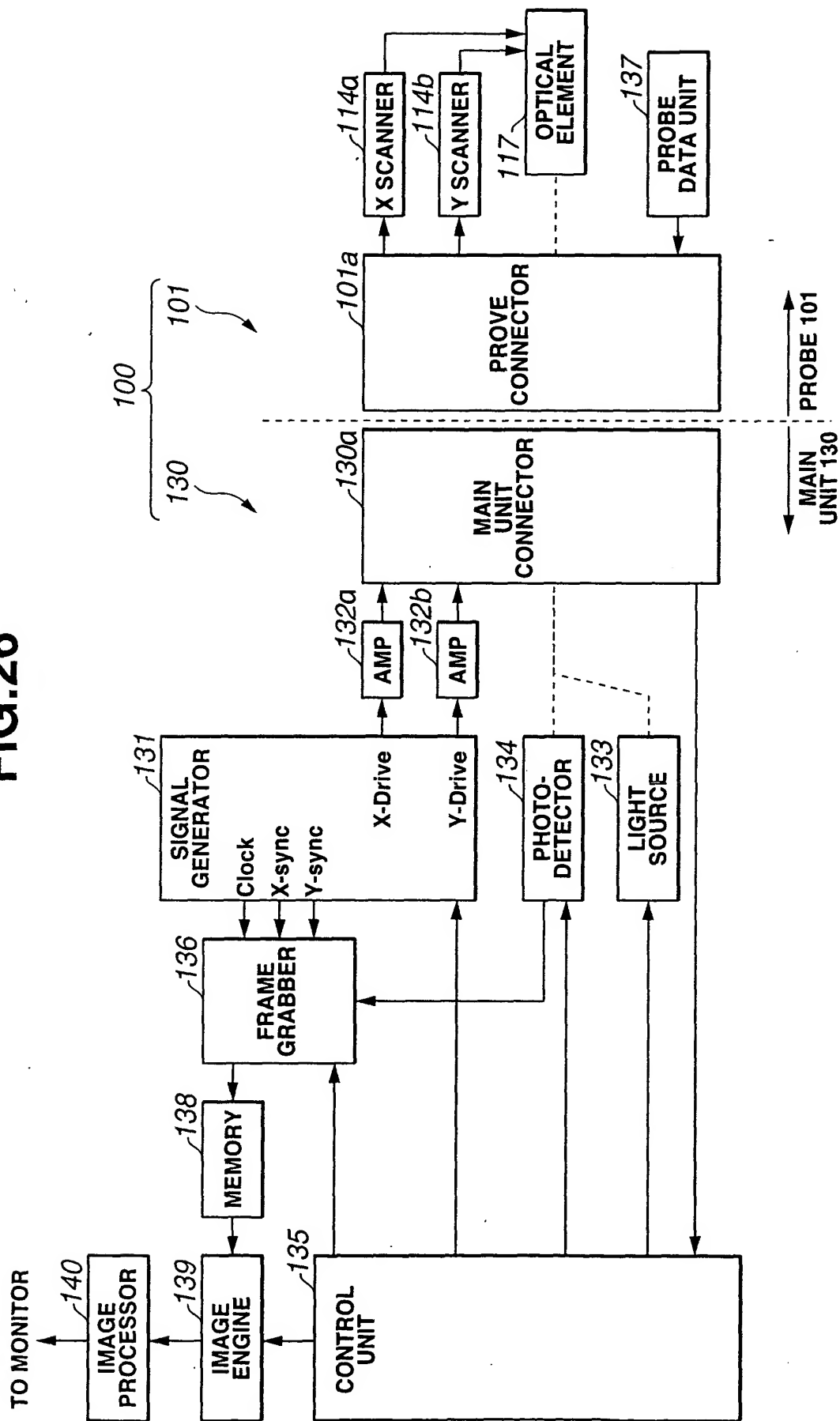


FIG.27

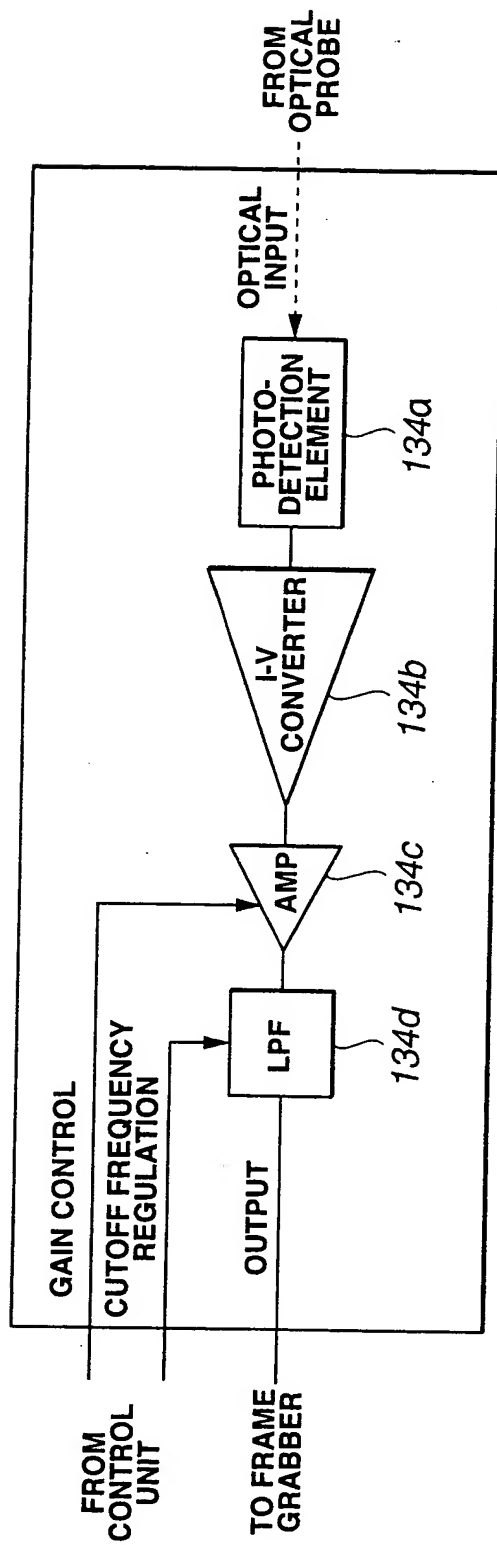


FIG.28B

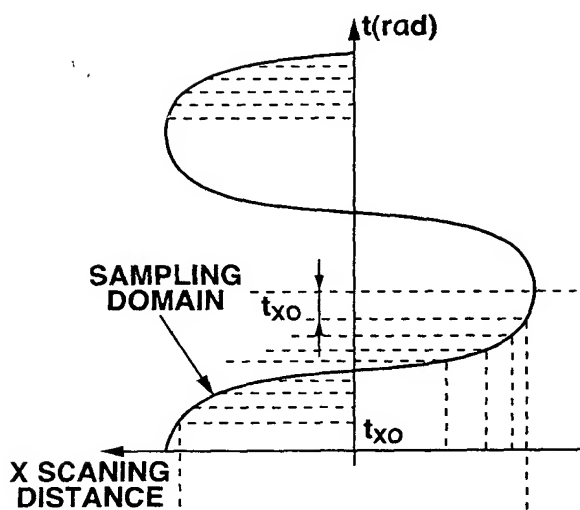


FIG.28A

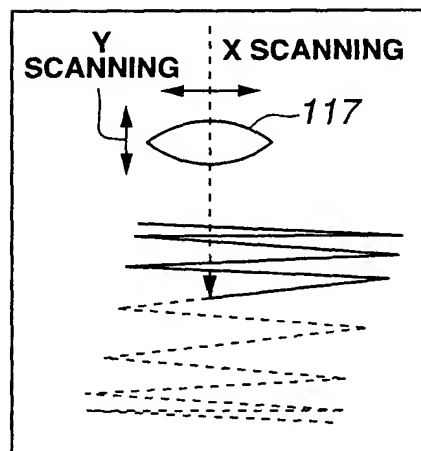


FIG.28D

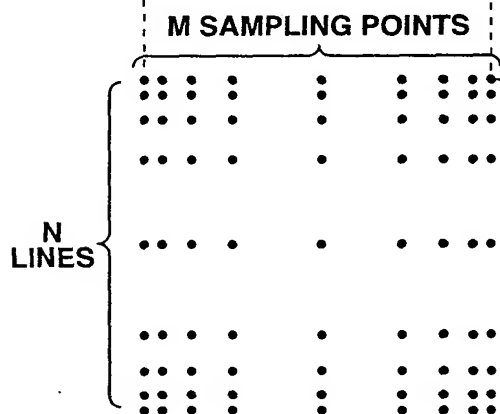


FIG.28C

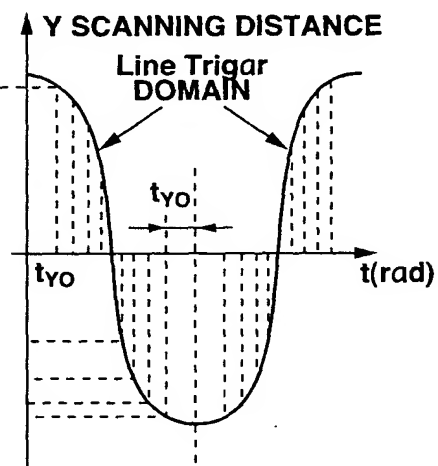


FIG.29

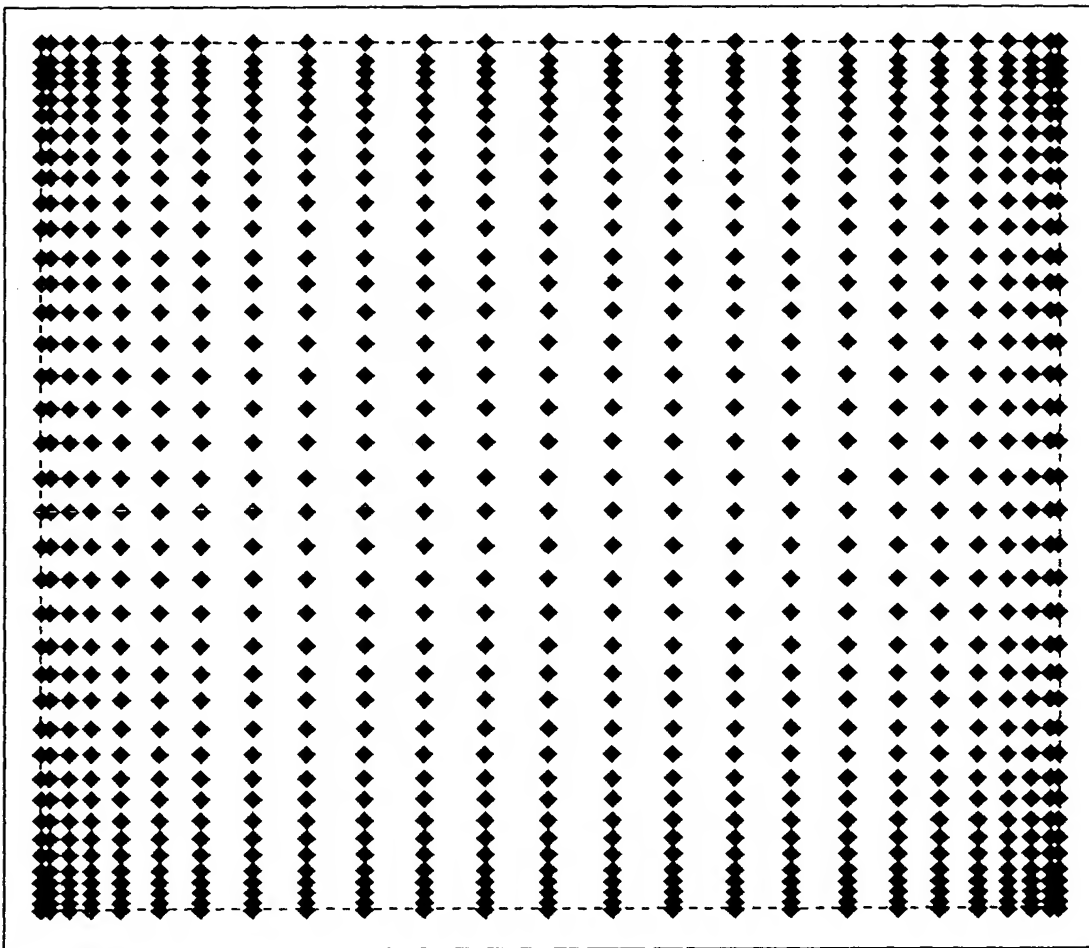


FIG.30A

TYPE (S/N)	AMOUNT OF RETURN LIGHT	OPTICAL LENGTH	NUMERICAL APERTURE (NA)	FOCAL LENGTH	RESOLUTION	APPROPRIATE WAVELENGTH OF LIGHT EMANATING FROM LIGHT SOURCE	NOISE LEVEL	DIAMETER OF LIGHT SPOT
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FIG.30B

X PHASE CORRECTION COEFFICIENT (θ_x)	X DRIVING VOLTAGE (V_x)	X DRIVING FREQUENCY (f_x)	X OFFSET VOLTAGE (V_{xo})	X FIELD OF VIEW (I_x)	KIND OF X DRIVING WAVE	X IMAGE RANGE (P_x)	X SCANNING TECHNIQUE (X=...)
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FIG.30C

Y PHASE CORRECTION COEFFICIENT (θ_y)	Y DRIVING VOLTAGE (V_y)	Y DRIVING FREQUENCY (f_y)	Y OFFSET VOLTAGE (V_{yo})	Y FIELD OF VIEW (I_y)	KIND OF Y DRIVING WAVE	Y IMAGE RANGE (P_y)	Y SCANNING TECHNIQUE (Y=...)
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FIG.31

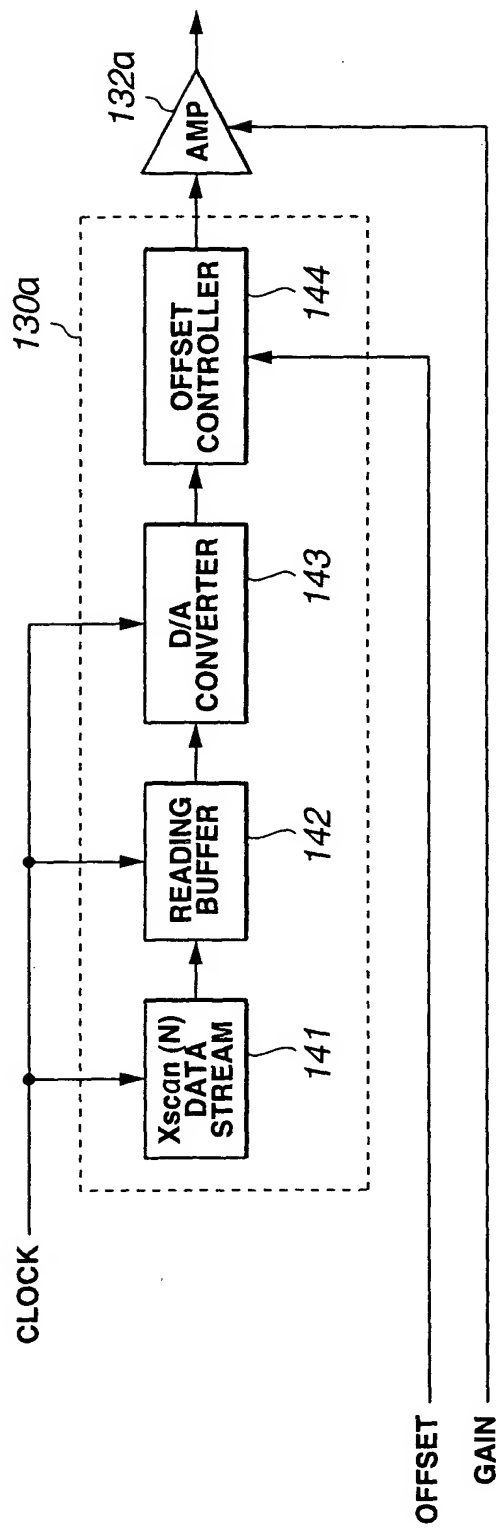


FIG.32

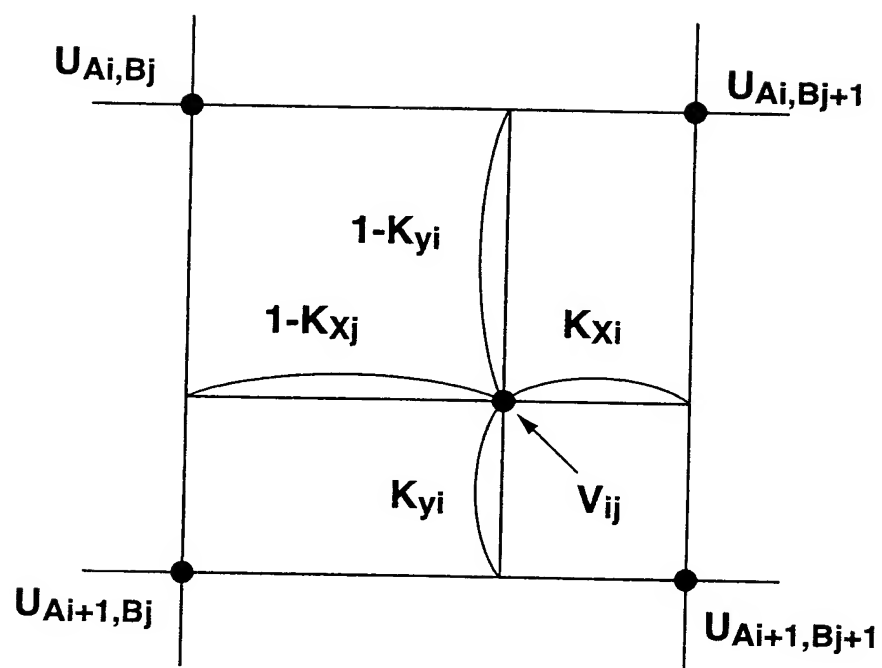


FIG.33

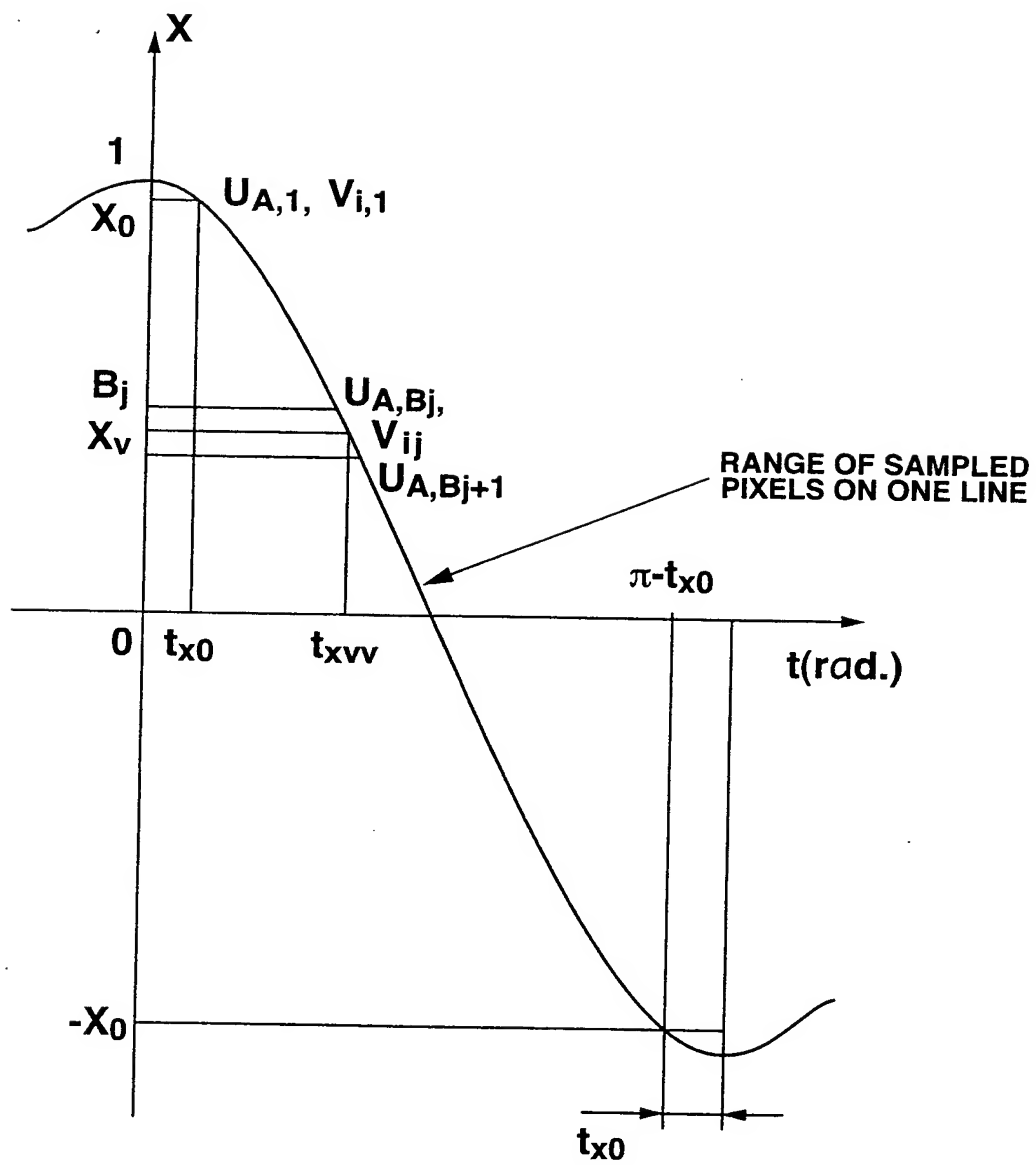


FIG.34

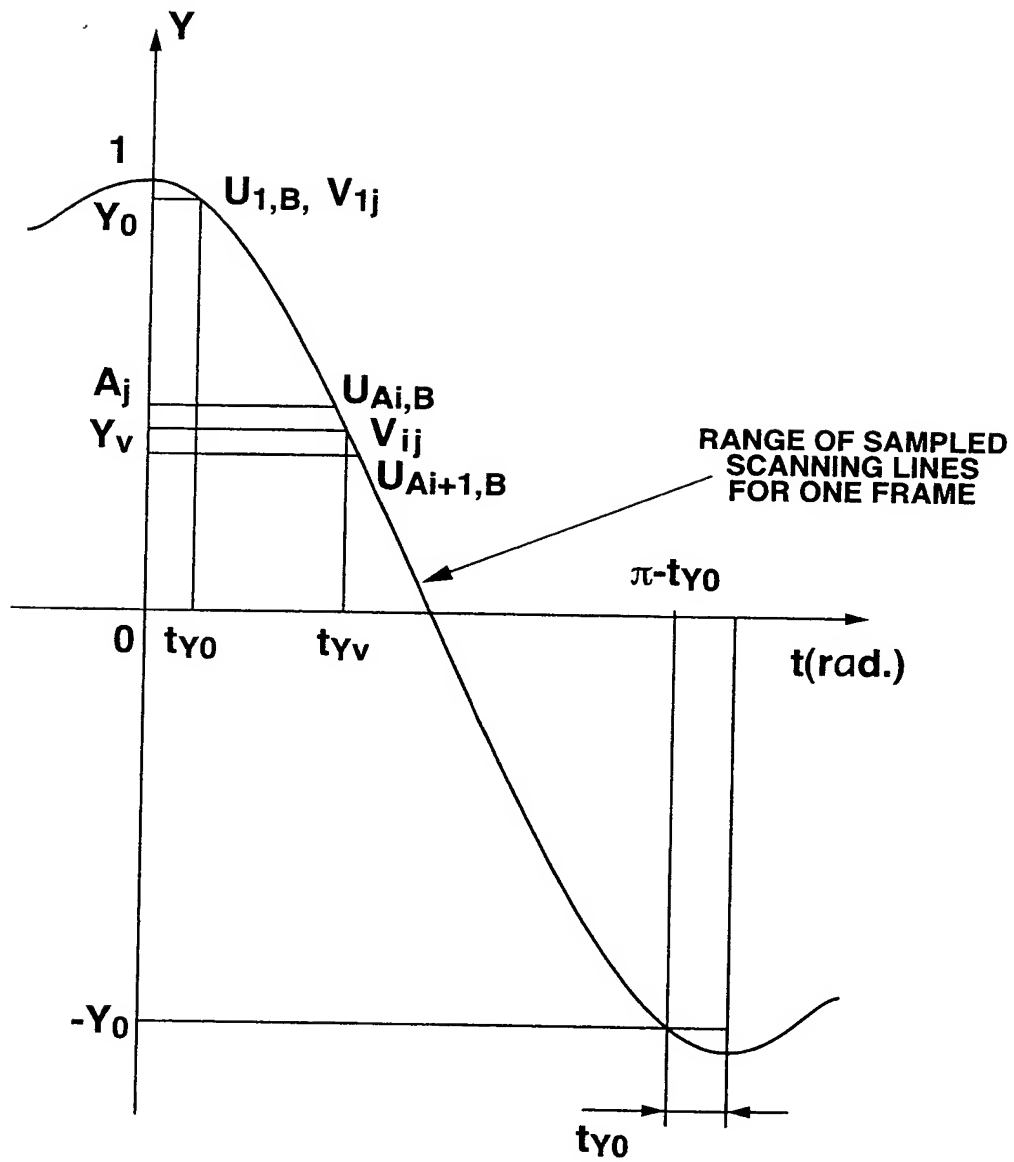
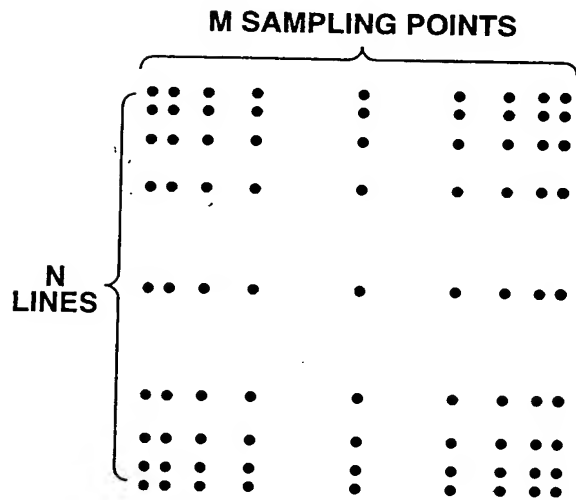
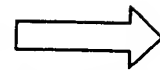
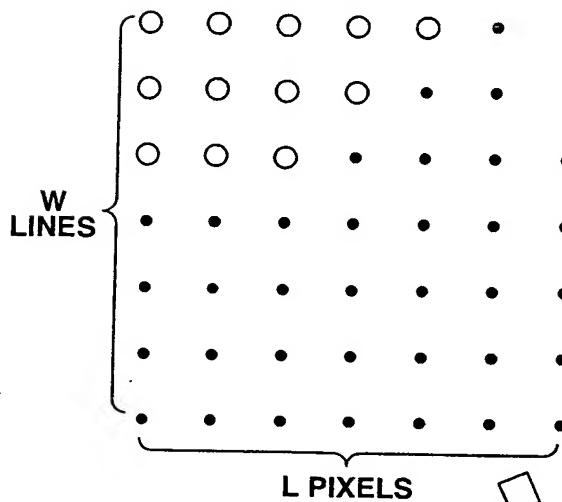


FIG.35A



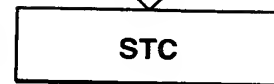
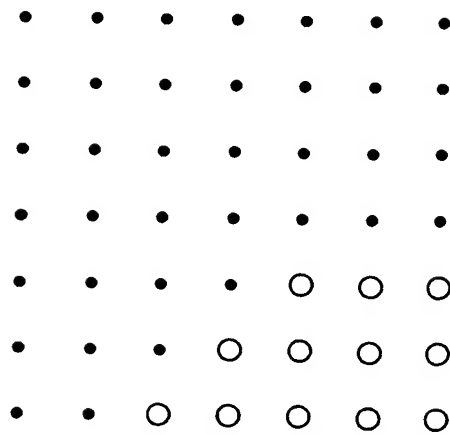
INTERPOLATION

FIG.35B



ALIASING
OF EVEN
FRAME
DATA

FIG.35C



MAINPULATION OF
ODD FRAME DATA

FIG. 36A Y DRIVING SIGNAL

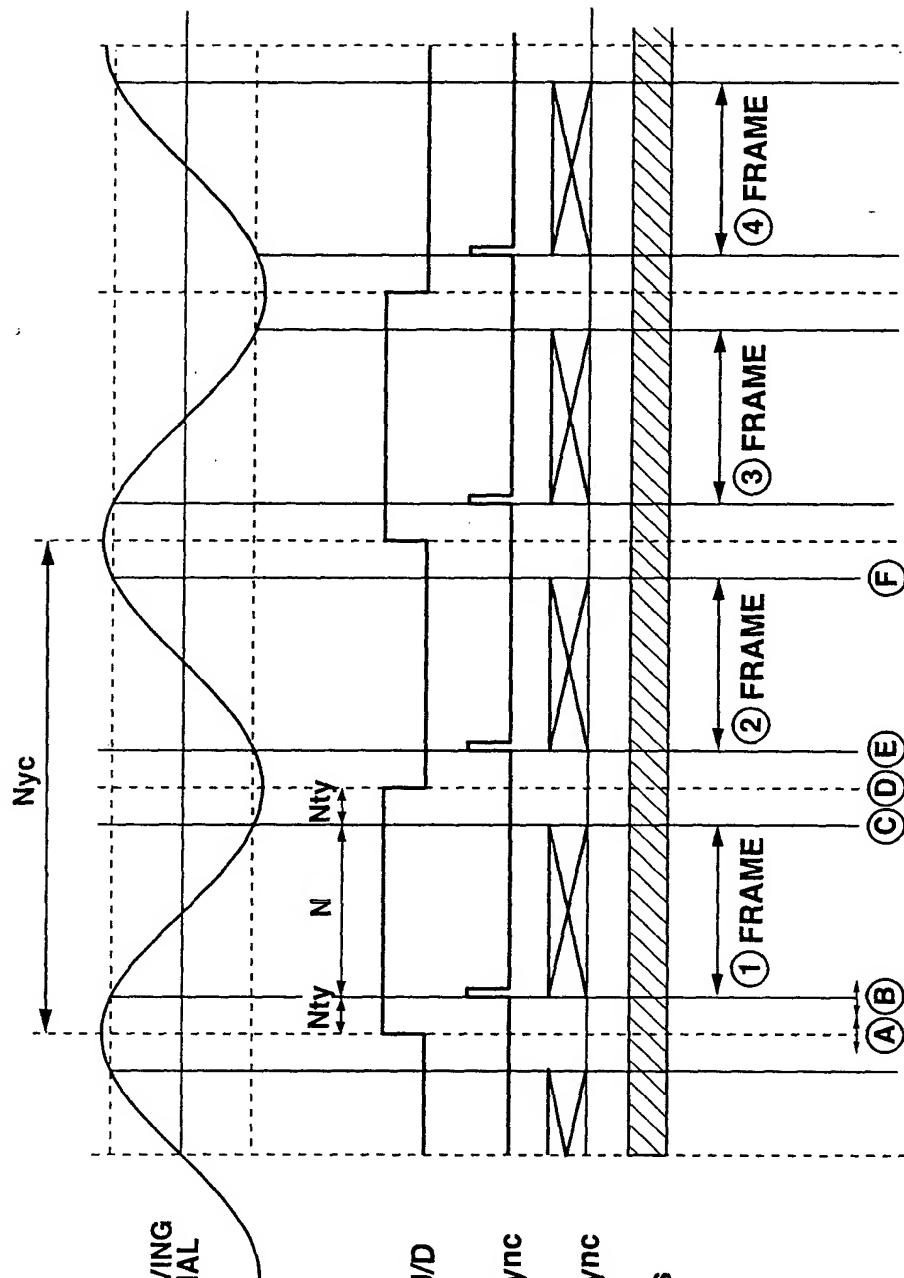


FIG. 36B

FIG. 36C

FIG. 36D

FIG. 36E

f_s

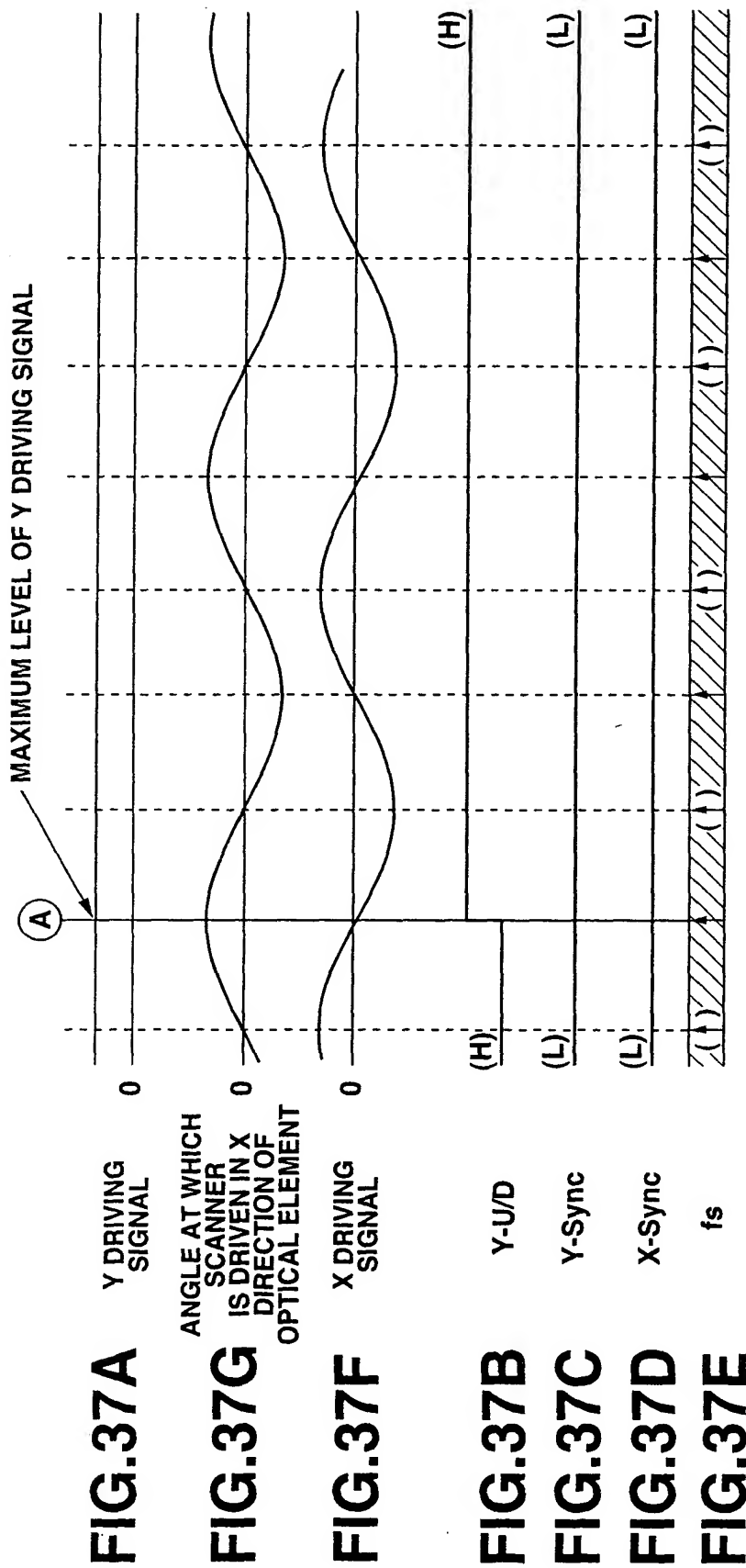


FIG.38A

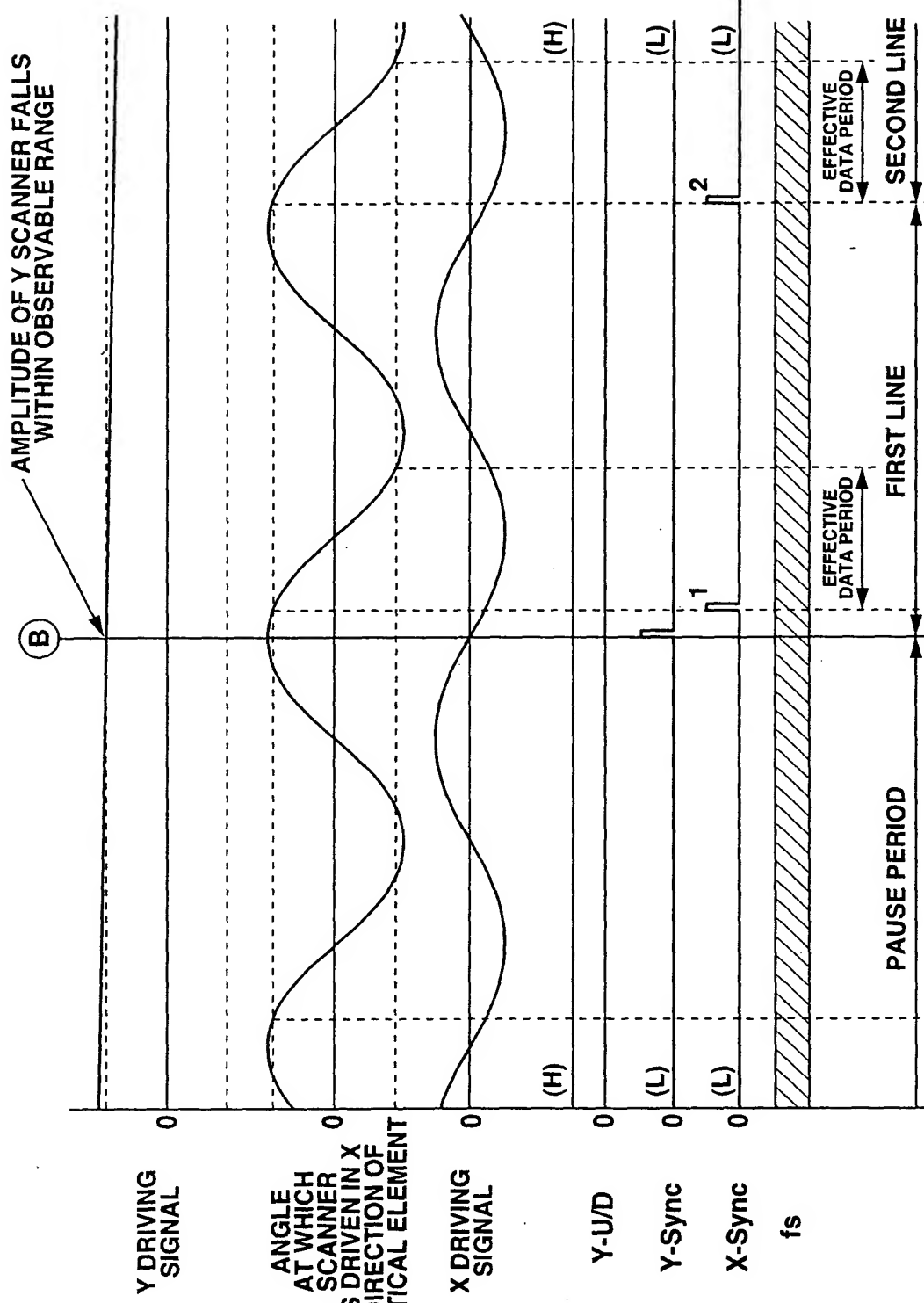


FIG.38G

FIG.38F

FIG.38B

FIG.38C

FIG.38D

FIG.38E

FIG.40A

Y DRIVING
SIGNAL



FIG.40G

ANGLE
AT WHICH
SCANNER IN X
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

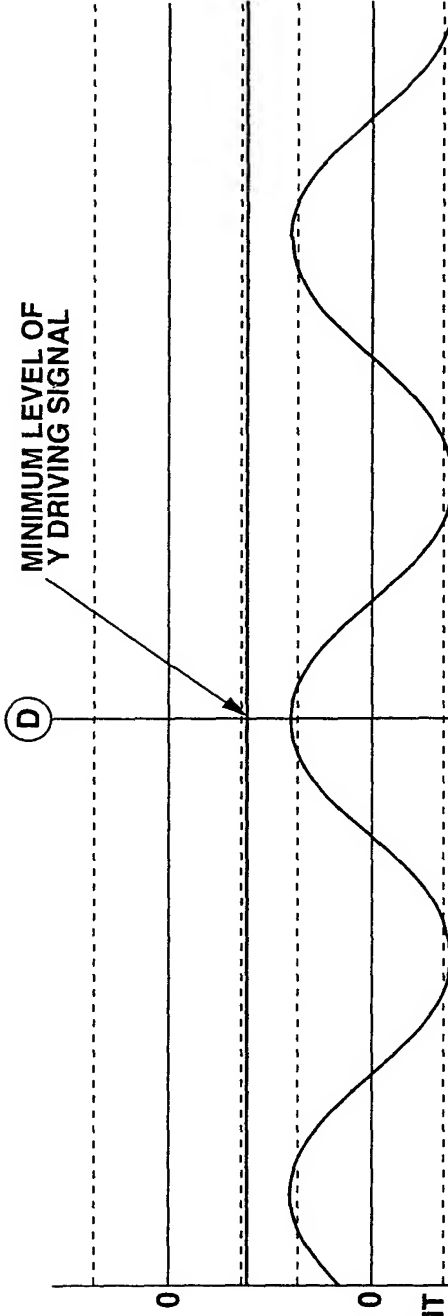


FIG.40F

X DRIVING
SIGNAL



FIG.40B

Y-U/D



FIG.40C

Y-Sync



FIG.40D

X-Sync



FIG.40E

fs



FIG.41A Y DRIVING SIGNAL

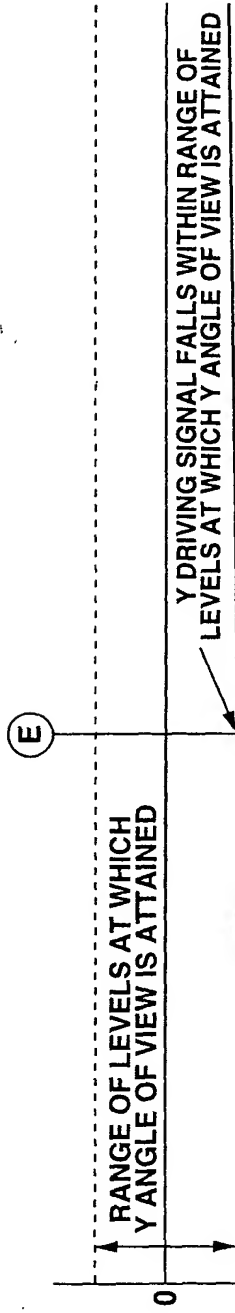


FIG.41G ANGLE AT WHICH SCANNER IS DRIVEN IN X DIRECTION OF OPTICAL ELEMENT

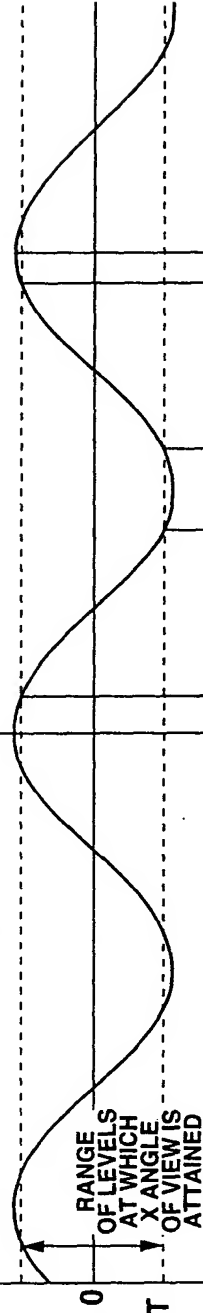


FIG.41F X DRIVING SIGNAL



FIG.41B Y-U/D



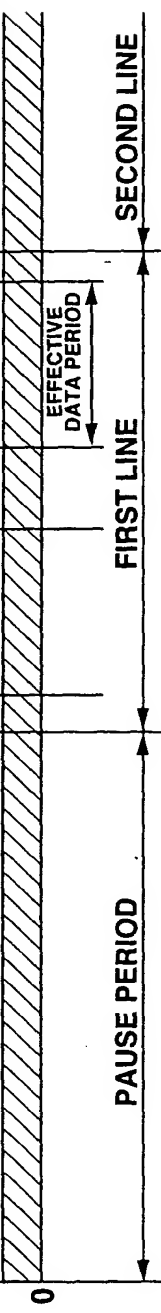
FIG.41C Y-Sync



FIG.41D X-Sync



FIG.41E fs



SAMPLING DOES NOT START HERE

SAMPLING DURING HOMEWARD SWEEP

EFFECTIVE DATA PERIOD

FIRST LINE

SECOND LINE

PAUSE PERIOD

FIG. 42A

Y DRIVING
SIGNAL

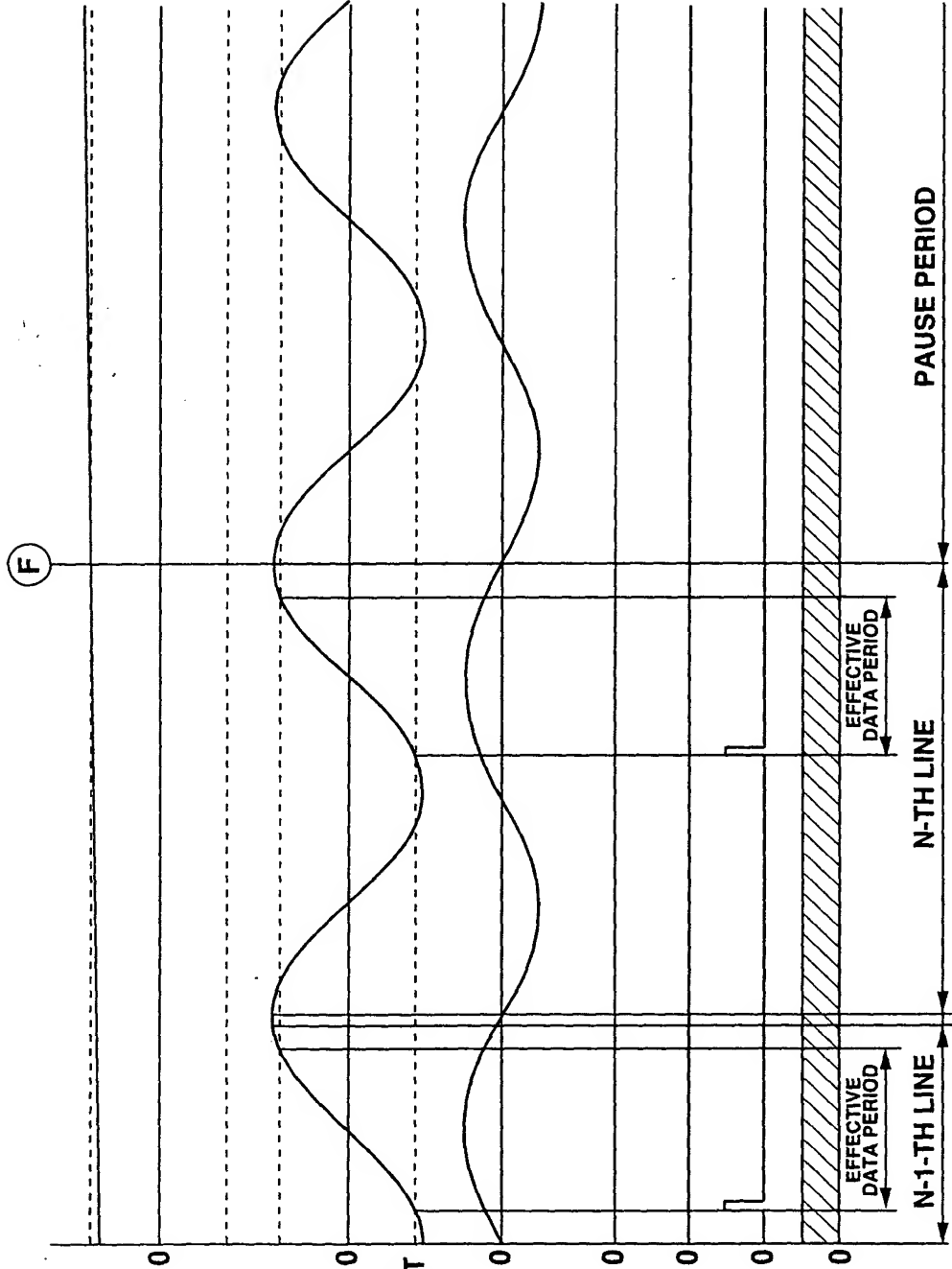


FIG. 42G

ANGLE
AT WHICH
SCANNER IN X
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG. 42F

X DRIVING
SIGNAL

FIG. 42B

Y-U/D

FIG. 42C

Y-Sync

FIG. 42D

X-Sync

FIG. 42E

f_s

FIG.43

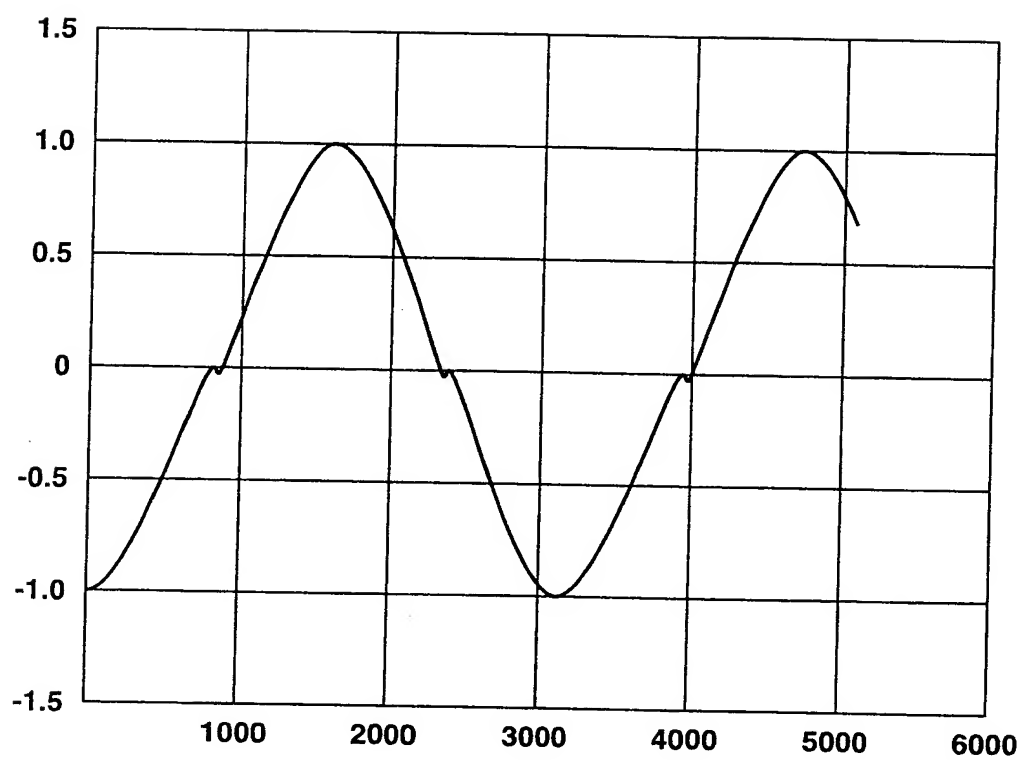


FIG. 44

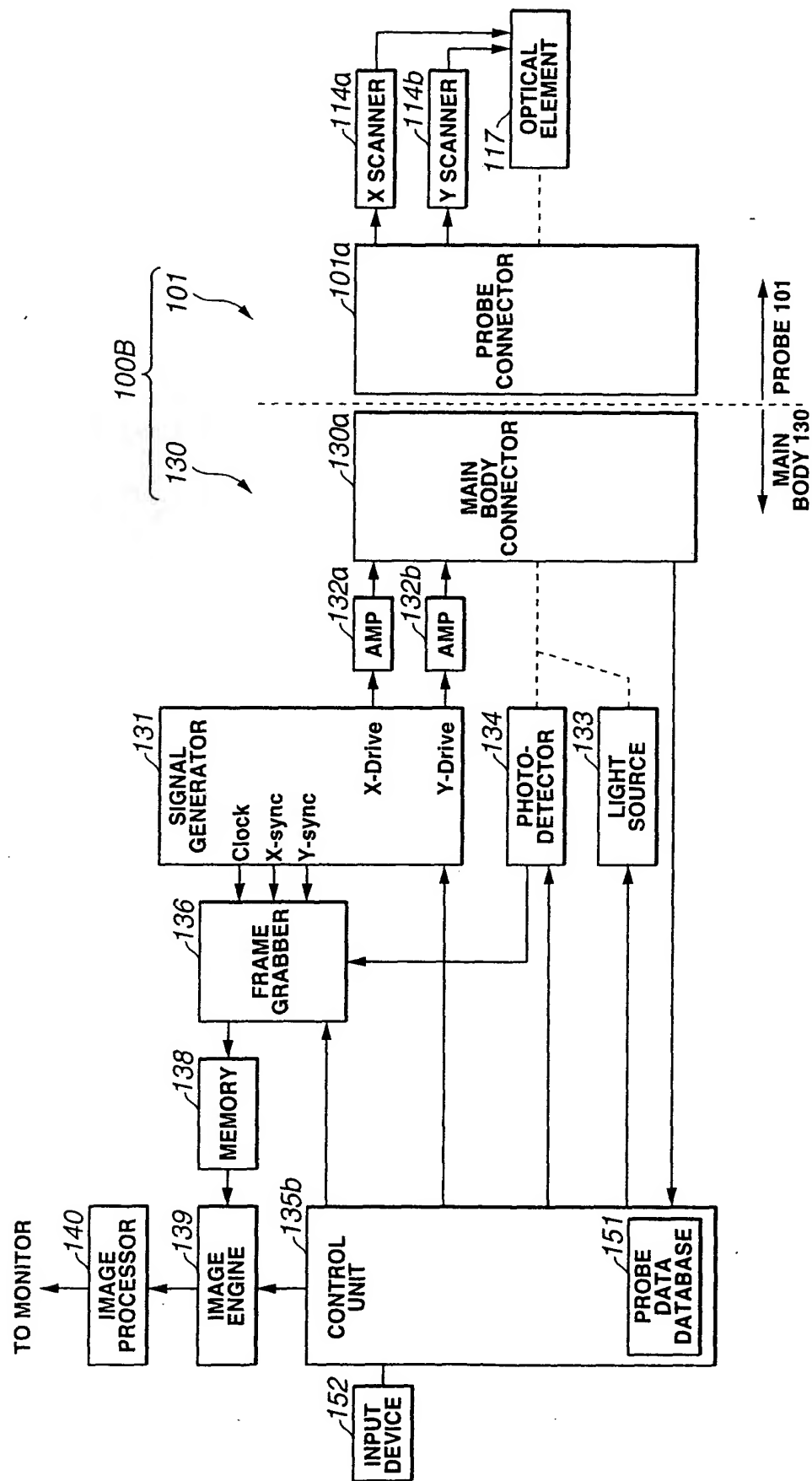


FIG.45

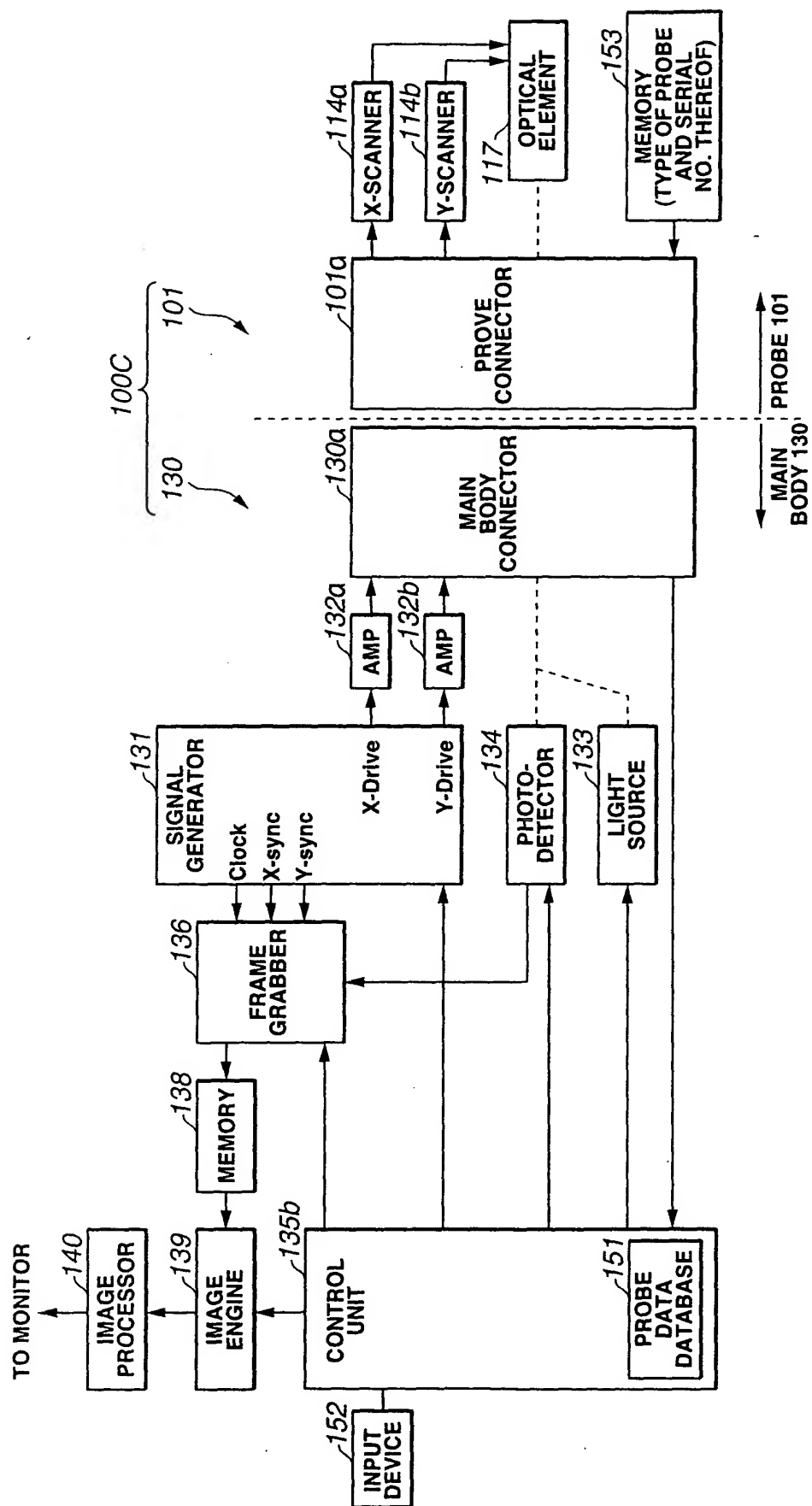


FIG.46

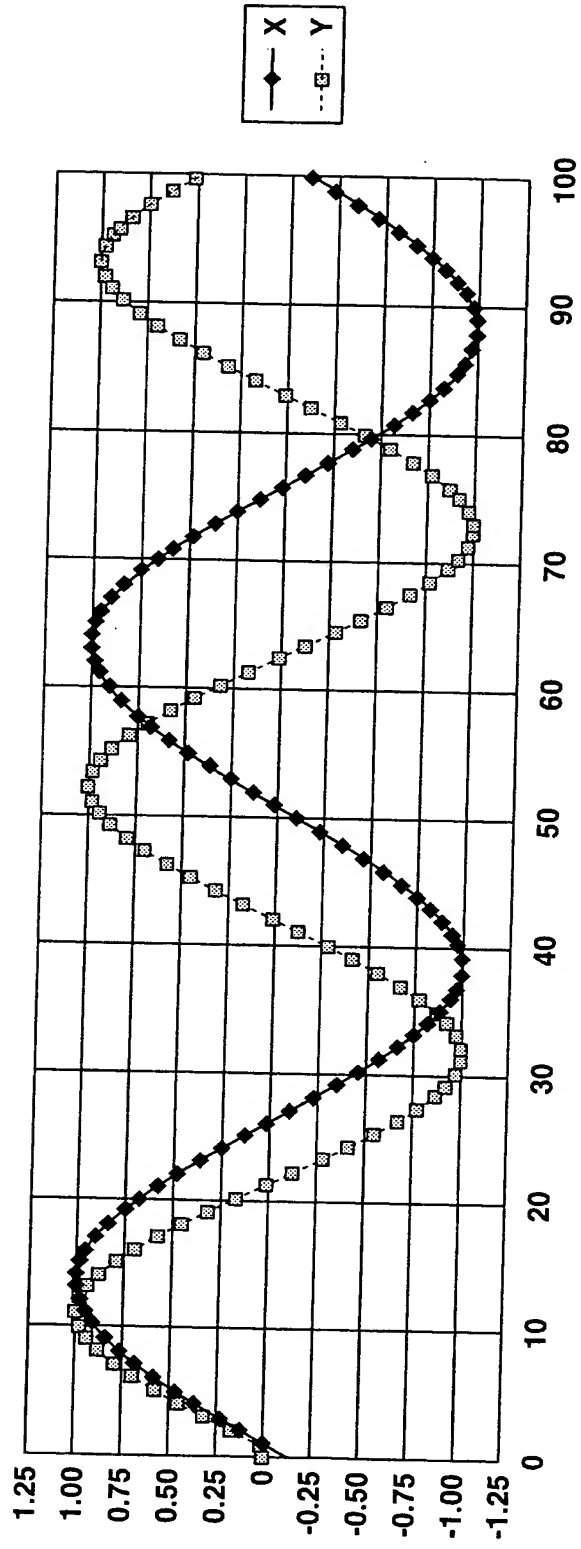


FIG.47

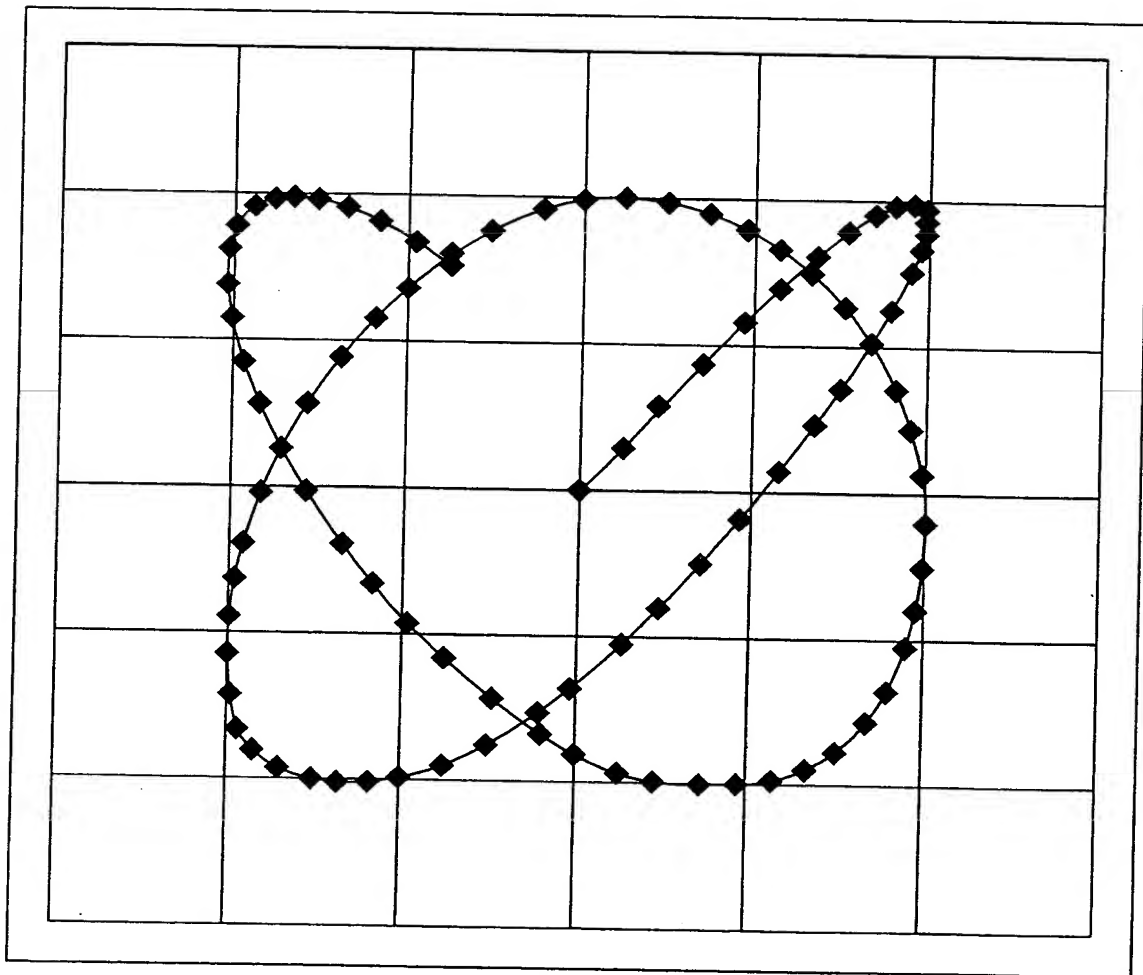


FIG.48

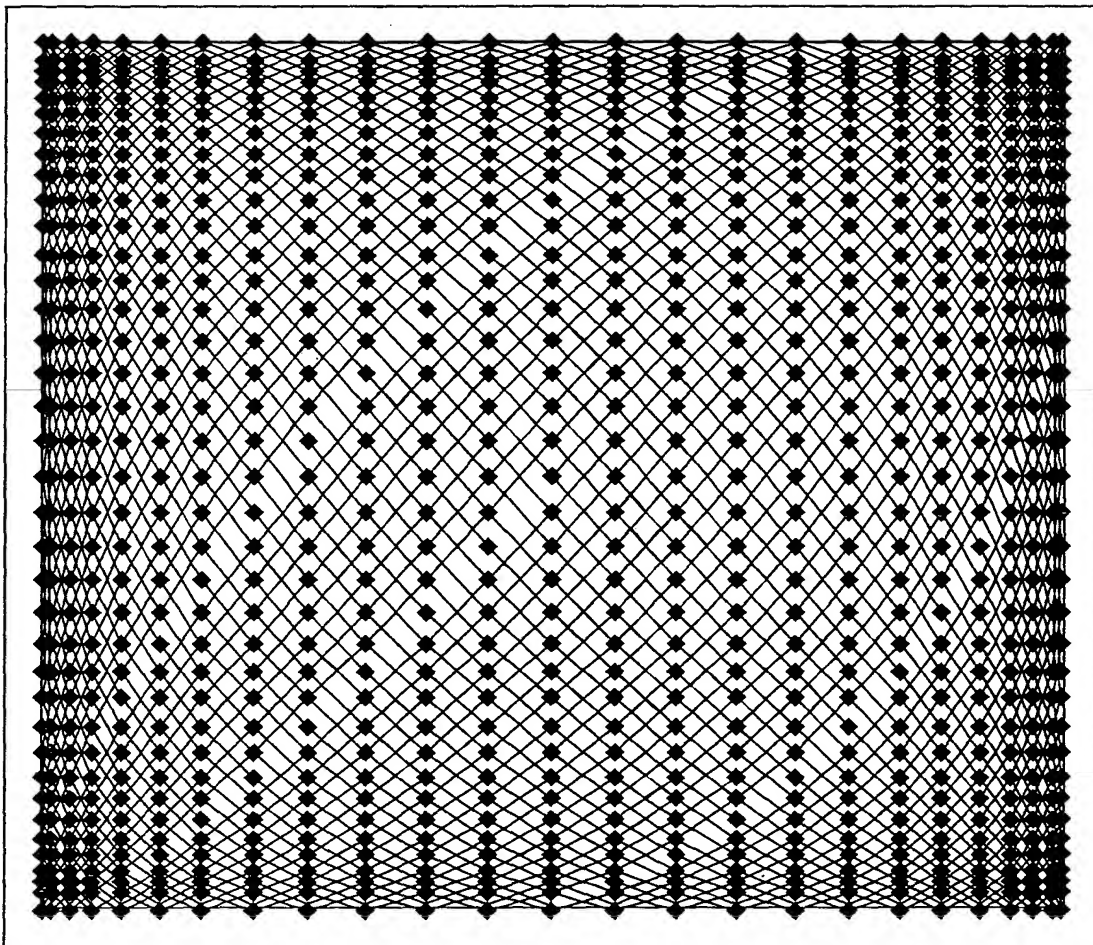


FIG. 49

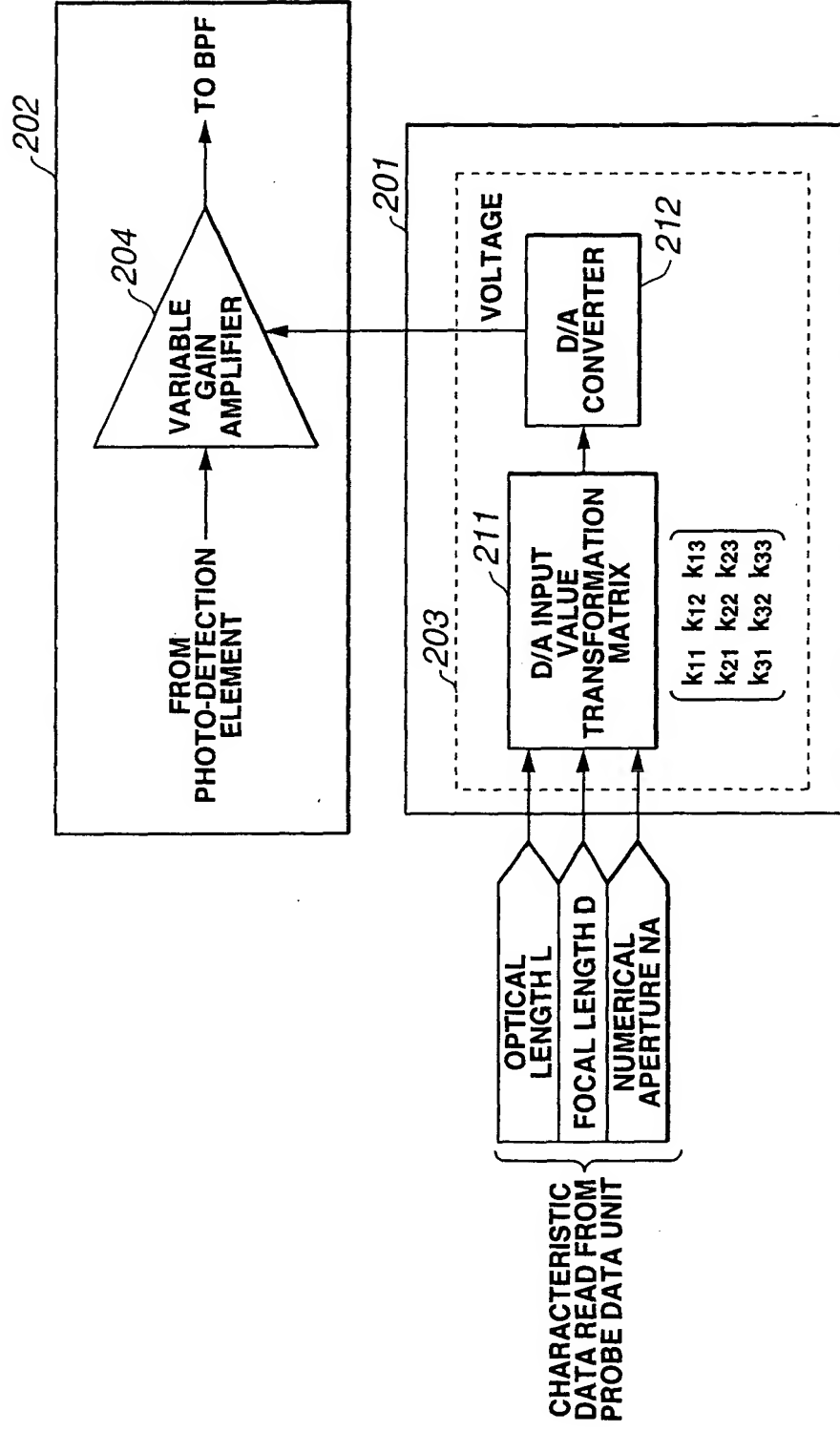


FIG.50A

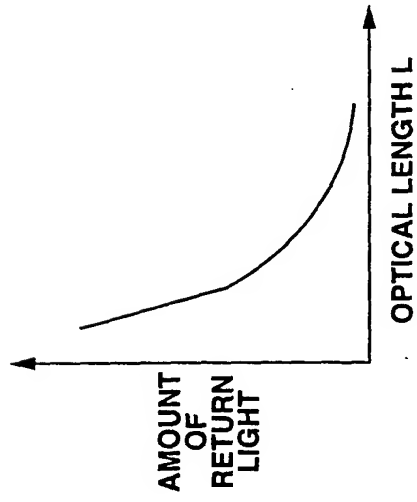


FIG.50B

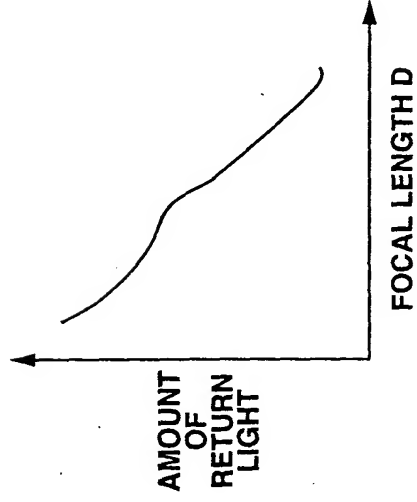


FIG.50C

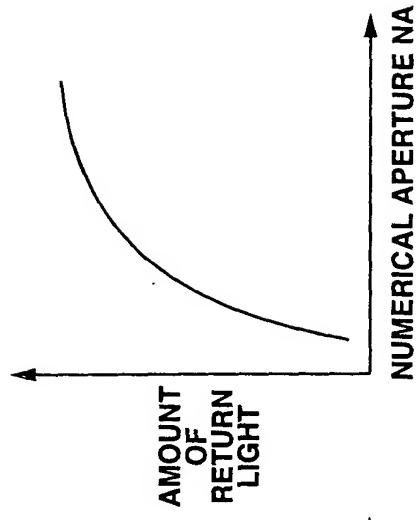


FIG.51

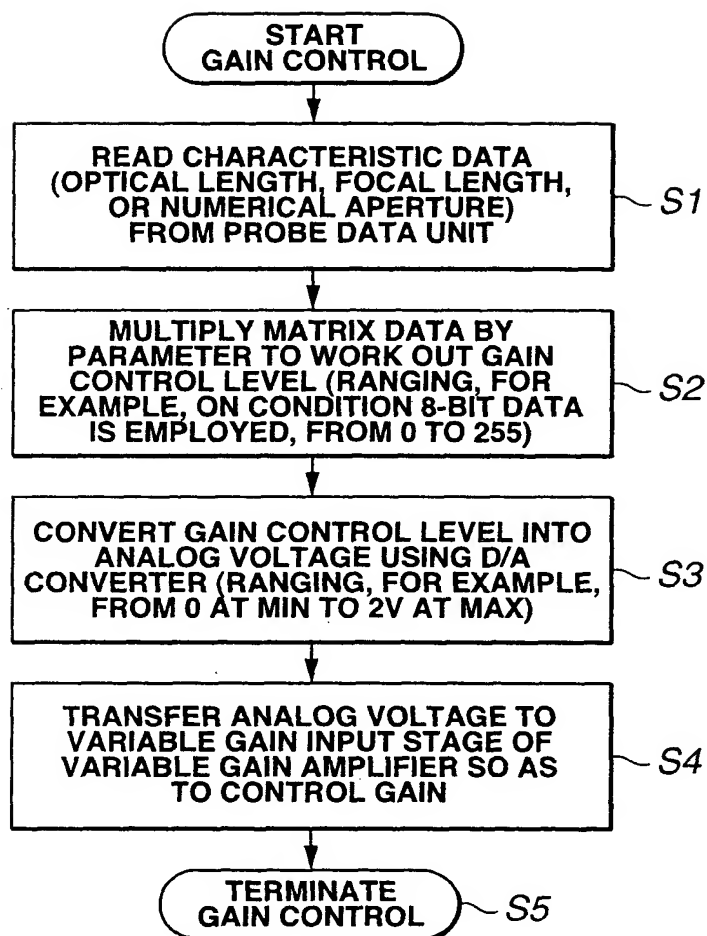


FIG. 52

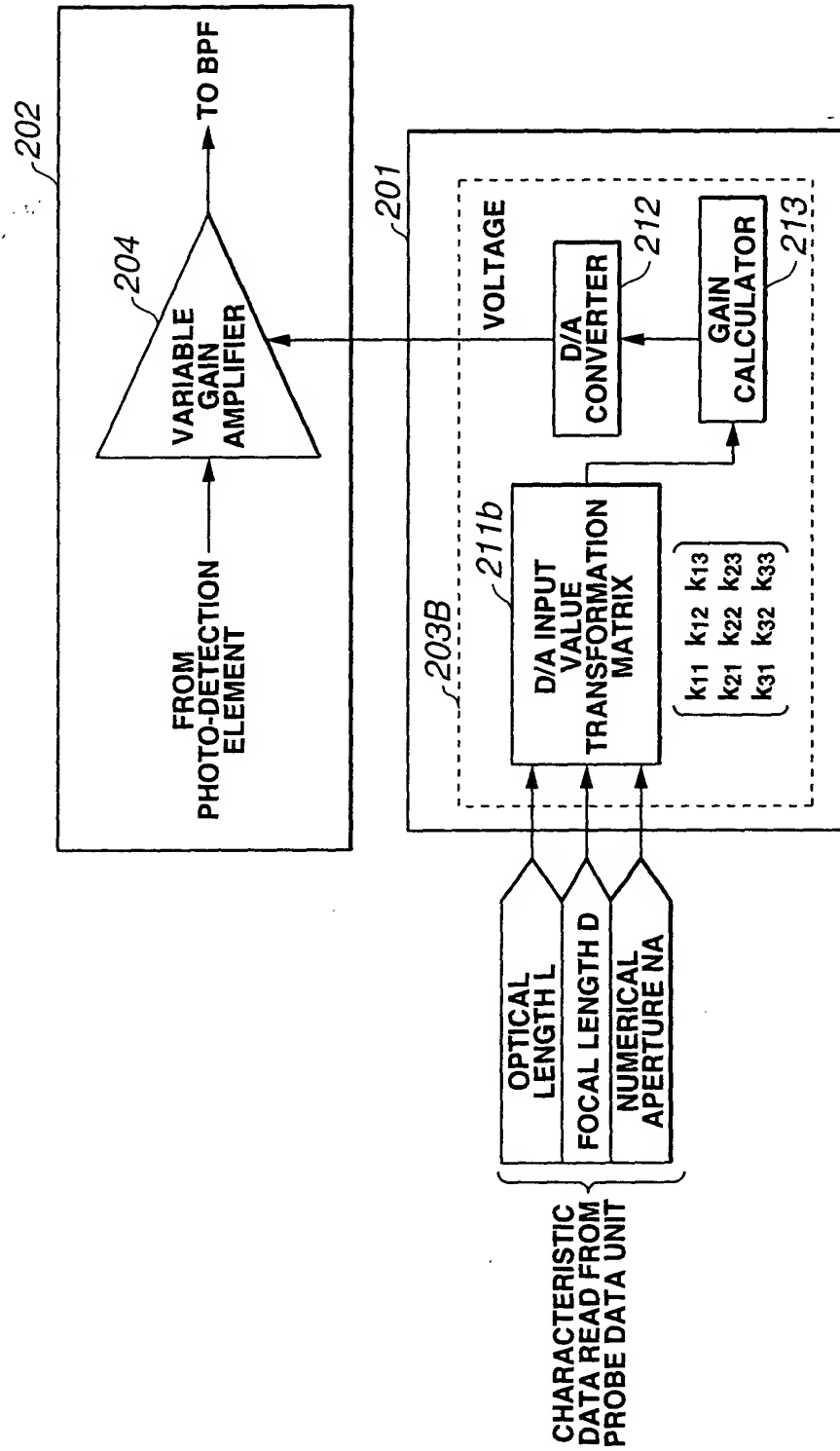


FIG.53A

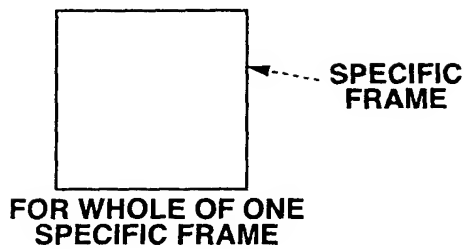


FIG.53B

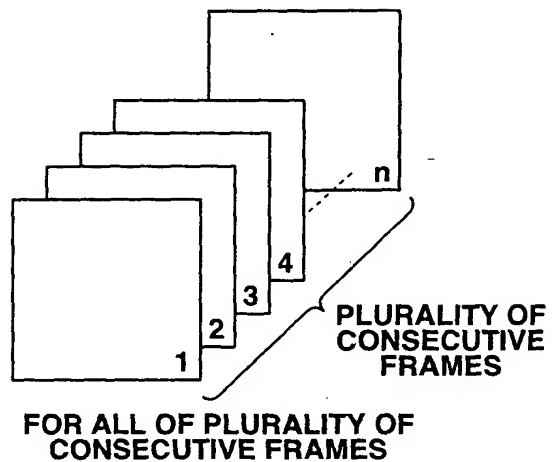


FIG.53C

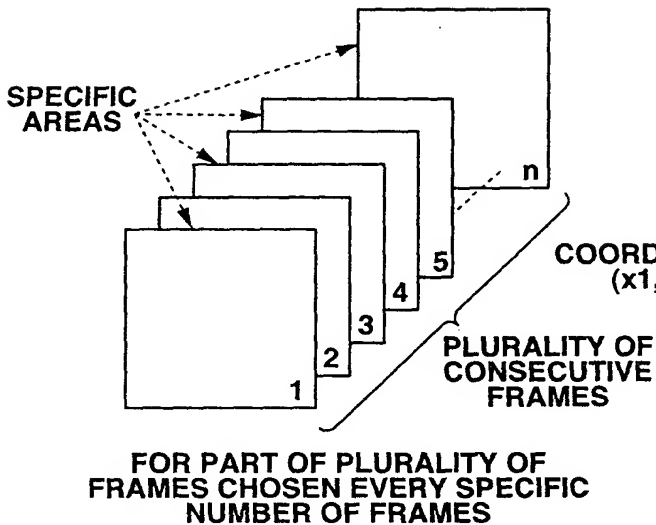


FIG.53D

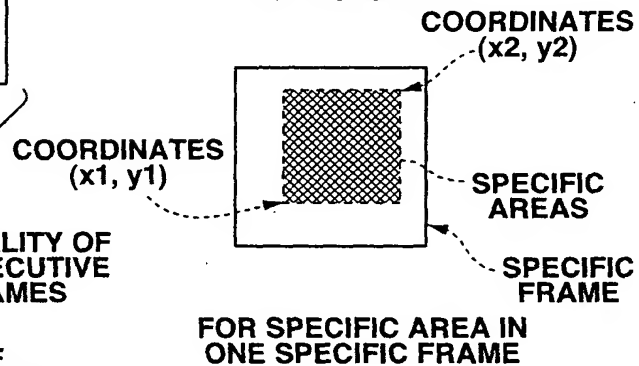


FIG.53E

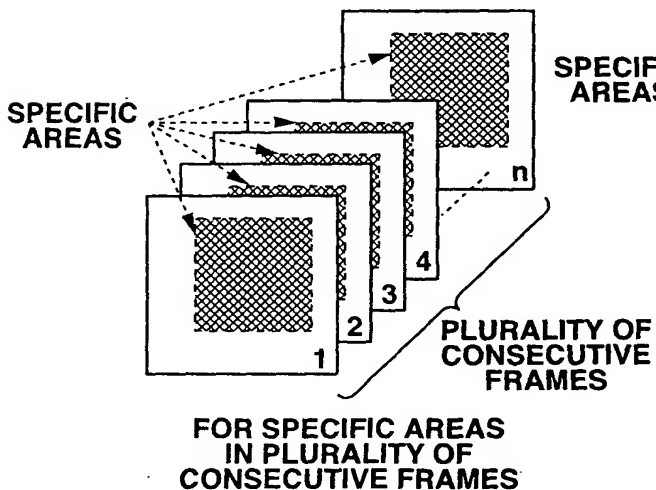


FIG.53F

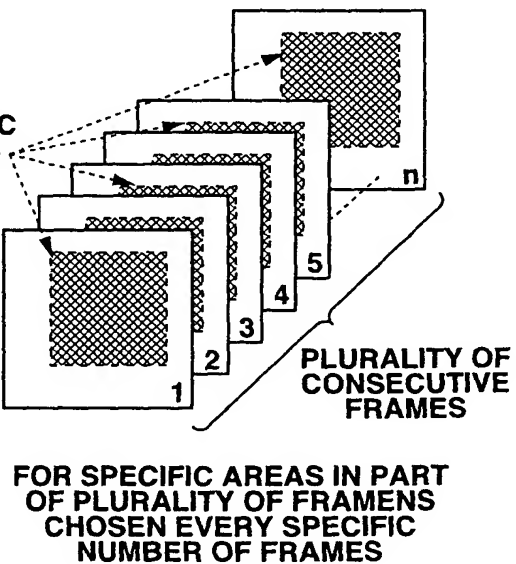


FIG.54

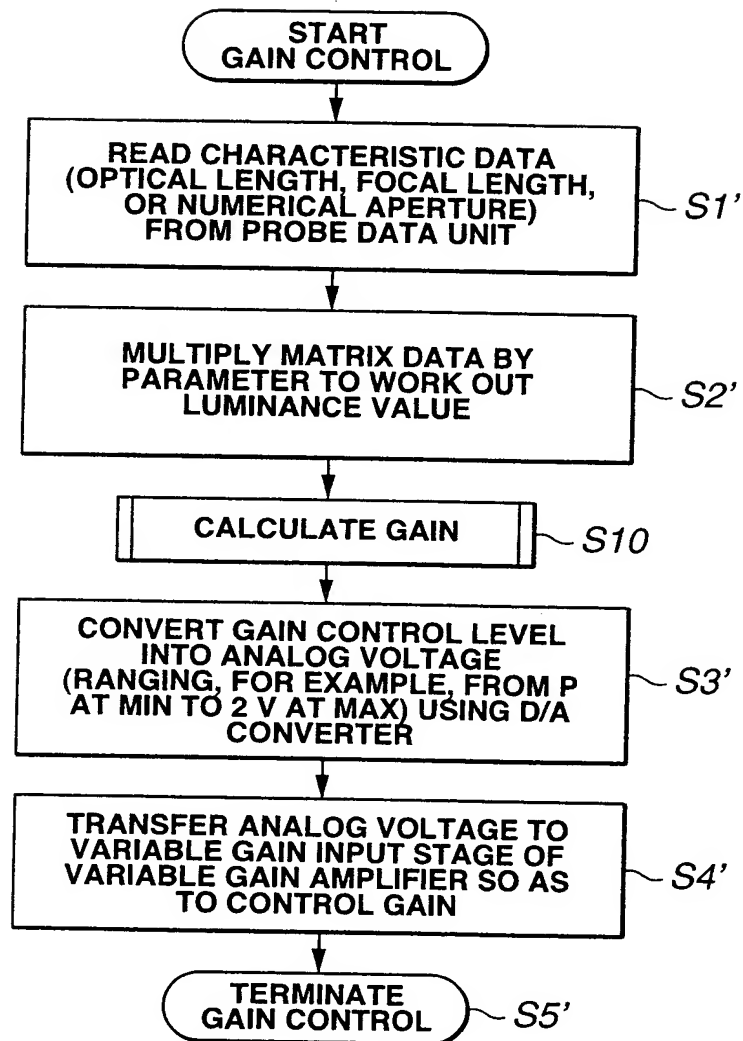


FIG.55

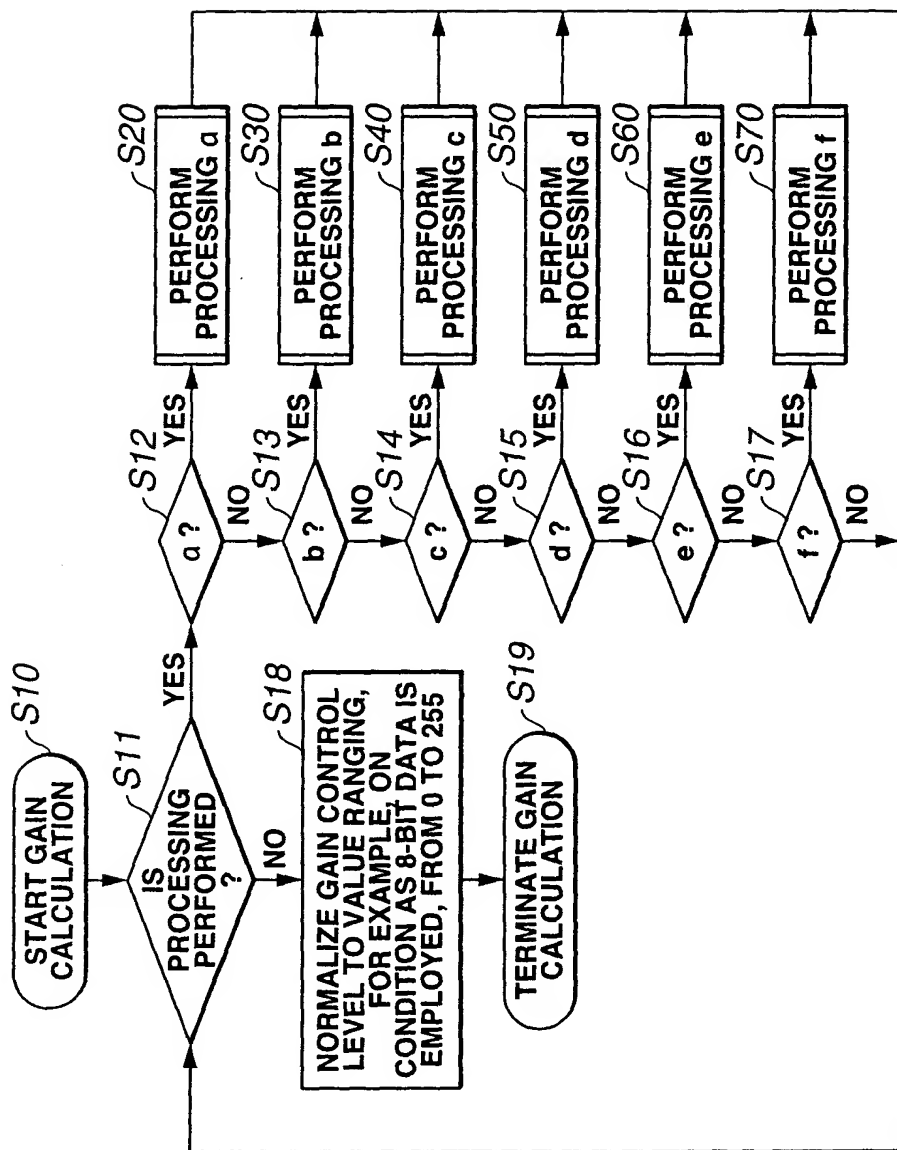


FIG.56

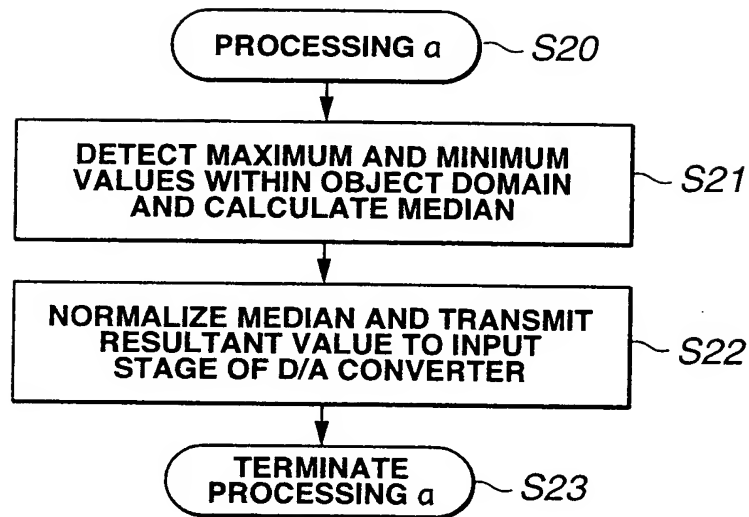


FIG.57

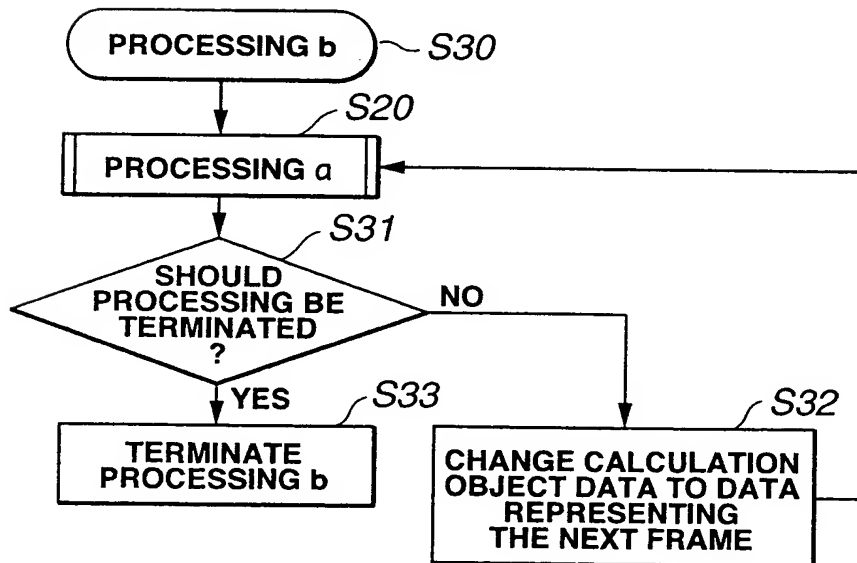


FIG.58

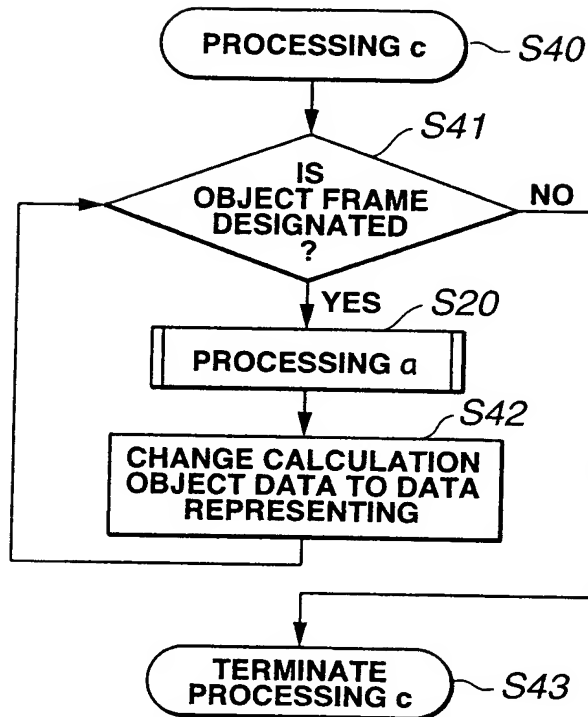


FIG.59

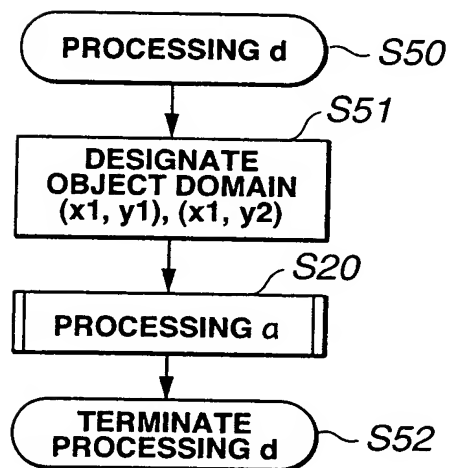


FIG.60

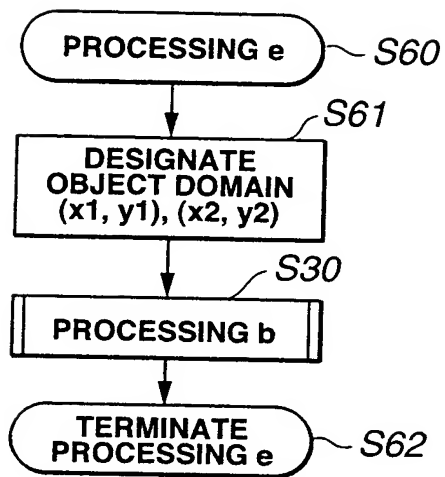


FIG.61

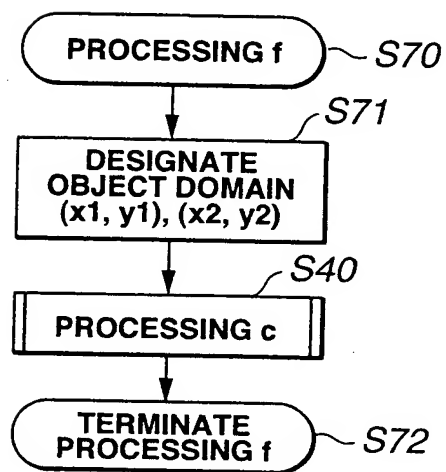


FIG.62

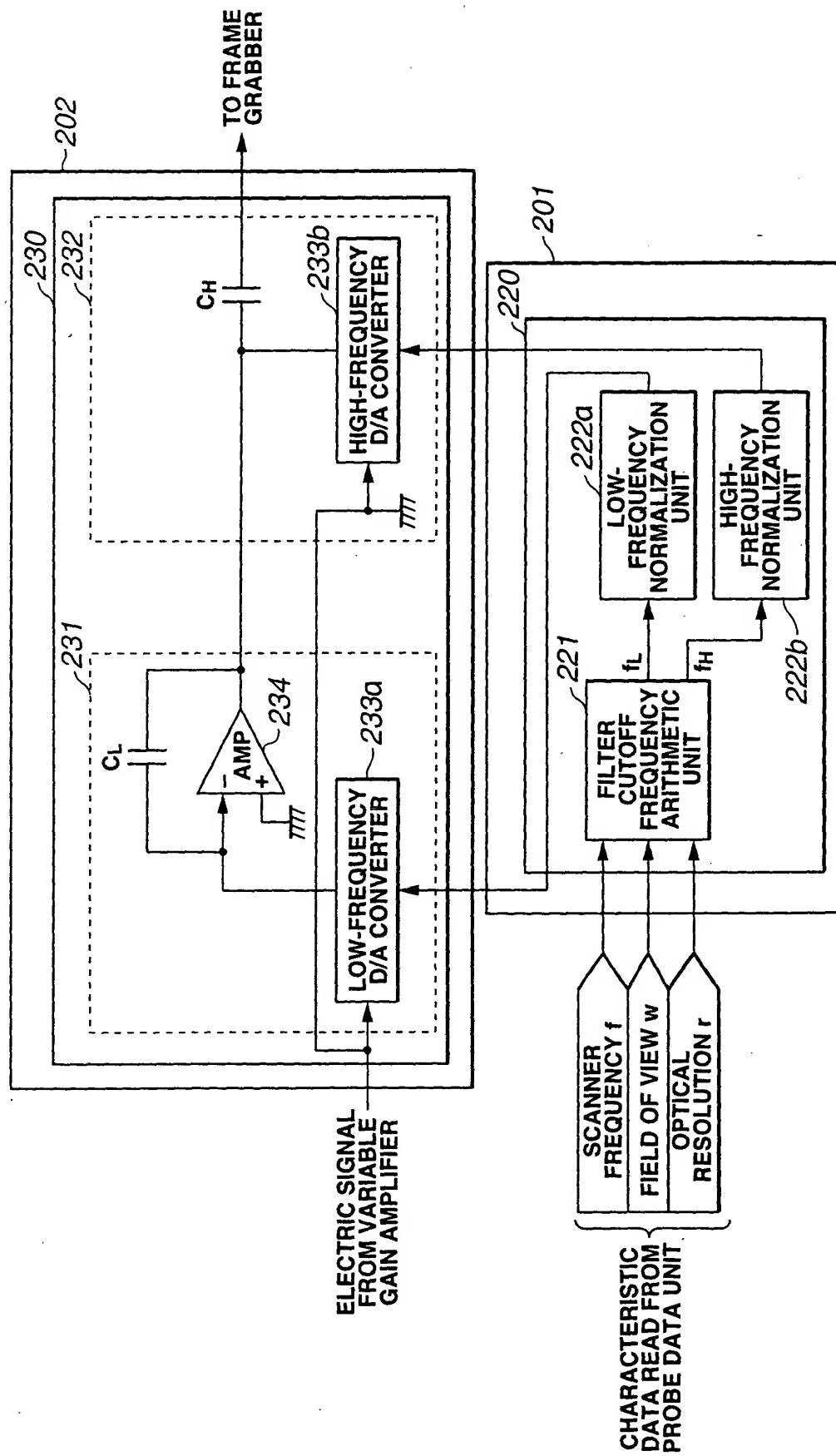


FIG.63

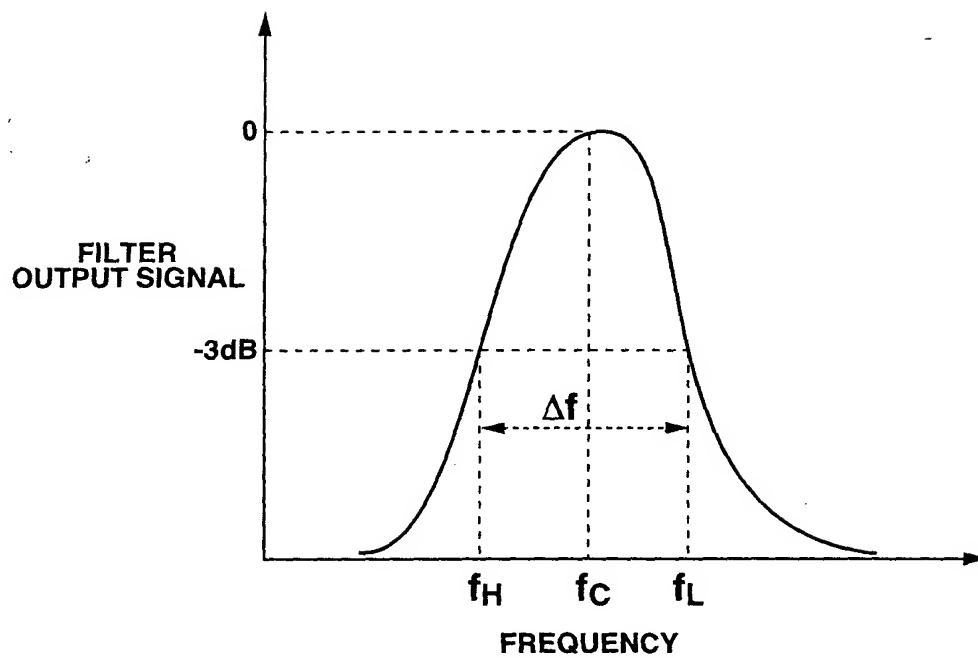


FIG.65

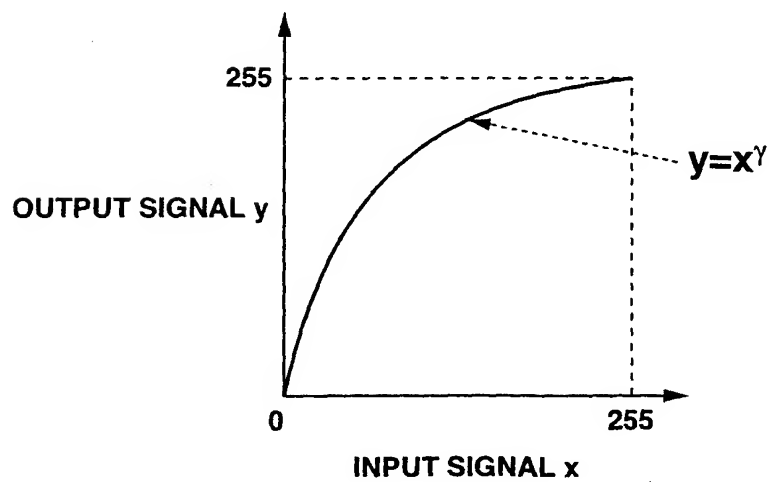


FIG.64

